

Sai Venkata Surendra Kondreddy
Sr. UI/UX Engineer

Mobile: [+17742237813](tel:+17742237813)

Email: saikondreddy9@gmail.com

LinkedIn: www.linkedin.com/in/sai-surendra-kondreddy

PROFESSIONAL SUMMARY

Senior UI/UX Engineer with 11+ years of experience designing and developing modern, scalable, and high-performance enterprise applications across banking, insurance, healthcare, fintech, retail, and government domains. Proven expertise in delivering intuitive digital products, developer platforms, and workflow-driven applications that improve productivity, usability, and business efficiency. Strong blend of UX design expertise and frontend engineering with the ability to take products from wireframes to production-ready delivery.

- Strong hands-on expertise in creating responsive and interactive user interfaces using React.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, SCSS, Tailwind CSS, Material UI, and Bootstrap. Skilled in building reusable component-based architectures for enterprise-grade applications.
- Extensive experience in UX design processes including wireframing, prototyping, user flows, information architecture, journey mapping, interaction design, and visual design. Adept at converting business ideas into elegant and intuitive user experiences.
- Proficient in industry-leading design tools such as Figma, Adobe XD, Sketch, InVision, Zeplin, and Miro for creating mockups, clickable prototypes, design systems, and collaborative product design workflows.
- Strong experience building and maintaining scalable design systems with reusable UI libraries, standardized components, design tokens, typography systems, spacing guidelines, and documentation for faster and consistent product delivery.
- Strong experience building AI-native interfaces including chat-based assistants, copilot-style workflows, automation dashboards, contextual navigation, and intelligent workflow experiences.
- Strong understanding of SDLC automation workflows including plan, code, build, test, review, deploy pipelines, CI/CD dashboards, release visibility, and engineering productivity systems.
- Deep understanding of accessibility standards including WCAG 2.1, Section 508, ARIA labels, semantic HTML, keyboard navigation, focus management, and screen reader compatibility to build inclusive digital experiences for all users.
- Strong experience designing dashboards, reporting portals, admin panels, customer self-service platforms, mobile-first applications, eCommerce websites, and enterprise internal tools with focus on usability and performance.
- Expertise in improving frontend performance through lazy loading, code splitting, bundle optimization, image optimization, caching strategies, rendering improvements, and Core Web Vitals enhancements for faster user experiences.
- Experienced in creating interactive dashboards and data visualization solutions using charts, tables, graphs, KPIs, and reporting widgets that transform complex business data into meaningful visual insights for users.
- Hands-on experience with Node.js and npm ecosystem for backend APIs, frontend tooling, build automation, package management, and developer workflow integrations.
- Experience building lightweight services using Node.js, Express.js, REST APIs, authentication flows, and real-time integrations.
- Skilled in testing modern UI applications using Jest, React Testing Library, Cypress, Selenium, Playwright, and cross-browser testing practices to ensure high-quality releases and stable user experiences.
- Proven leadership experience mentoring junior developers, reviewing UI code, guiding design best practices, promoting accessibility standards, and improving team productivity through reusable solutions and collaboration.

- Passionate about building elegant, modern, and high-performing digital experiences that balance business goals, technical feasibility, accessibility, and user needs while continuously learning the latest UI/UX trends and technologies.

TECHNICAL SKILLS

Category	Technologies
UI/UX Design	User Experience Design, User Interface Design, Wireframing, Prototyping, User Flows, Information Architecture, Journey Mapping, Visual Design, Interaction Design, Responsive Design, Mobile First Design
Frameworks / Libraries	React Hooks, Redux, Redux Toolkit, Context API, React Query, NgRx, Storybook, Next.js, GraphQL, REST APIs, Express.js
Design Tools	Figma, Adobe XD, Sketch, InVision, Zeplin, Miro, Canva, FigJam, Balsamiq, Framer
Design Systems	Component Libraries, Design Tokens, Typography Systems, Color Systems, Layout Grids, Spacing Standards, Reusable UI Components, Documentation Standards
Frontend Technologies	React.js, Angular, JavaScript (ES6+), TypeScript, HTML5, CSS3, SCSS, Tailwind CSS, Bootstrap, Material UI, Styled Components, Node.js, Express.js, npm
Accessibility	WCAG 2.1, Section 508, ARIA Labels, Semantic HTML, Keyboard Navigation, Screen Reader Support, Color Contrast, Focus Management
UX Research	Usability Testing, A/B Testing, Persona Creation, User Interviews, Heuristic Evaluation, Heatmaps, Behavior Analytics, Journey Analysis
Data Visualization	Dashboards, KPI Reporting, Charts, Graphs, Tables, Analytics Widgets, Recharts, D3.js, Data Storytelling
Performance Optimization	Lazy Loading, Code Splitting, Bundle Optimization, Image Optimization, Caching Strategies, Rendering Optimization, Core Web Vitals
Testing	

	Jest, React Testing Library, Cypress, Selenium, Playwright, Cross-Browser Testing, UI Validation, Regression Testing
Version Control	Git, GitHub, GitLab, Bitbucket, SVN
Collaboration Tools	Jira, Confluence, Slack, Microsoft Teams, Notion, Trello
Cloud / Deployment	AWS Amplify, Vercel, Netlify, GitHub Actions, Jenkins, CI/CD Pipelines, Node.js Build Tools
Methodologies	Agile Scrum, Kanban, Waterfall, Design Thinking, User-Centered Design, Sprint Planning, Retrospectives
AI Productivity Tools	GitHub Copilot, Cursor, Windsurf, ChatGPT, Adobe Firefly, AI Wireframe Generation, AI Design Assistance

PROFESSIONAL EXPERIENCE

Client: New York Life, NYC, NY

October 2023 - Current

Role: Sr. UI/UX Engineer

Responsibilities

- Designed and developed modern enterprise dashboards for policy management, claims servicing, advisor workflows, and customer account platforms with a strong focus on usability and visual clarity.
- Designed and developed AI-native developer portal interfaces focused on engineering productivity, onboarding, and SDLC workflow automation.
- Created wireframes, user flows, prototypes, and high-fidelity UI screens in Figma for internal business users, advisors, operations teams, and customer-facing applications.
- Built responsive and scalable user interfaces using React.js, TypeScript, HTML5, CSS3, Material UI, and reusable component architecture aligned with enterprise standards.
- Improved navigation structures and simplified complex business workflows into intuitive digital experiences that reduced clicks and increased operational efficiency.
- Developed reusable design system components including buttons, forms, tables, cards, modals, tabs, dropdowns, and layout templates for faster product delivery.
- Developed internal backend services using Node.js and Express.js to support developer portal workflows, onboarding modules, and automation features.
- Built REST APIs using Node.js for GitHub pull request actions, notifications, approvals, and workflow integrations.
- Used npm for dependency management, build scripts, environment configuration, and deployment automation.
- Integrated React frontend with Node.js services for real-time workflow updates and productivity dashboards.
- Worked with cross-functional teams to design and deliver full-stack features using React.js, TypeScript, and Node.js.
- Collaborated with product managers, business analysts, architects, and developers to translate business requirements into polished user-centered solutions.
- Created GitHub workflow UI for pull request creation, code reviews, merge approvals, repository insights, and developer onboarding flows.
- Developed contextual navigation and repo discovery dashboards to help engineers quickly access codebases, pipelines, and delivery metrics.
- Built chat-based assistant interfaces and copilot-style workflows for code suggestions, debugging support, and task automation.
- Designed and implemented SDLC agent workflows covering plan → code → build → test → review → deploy lifecycle stages.

- Designed interactive analytics dashboards with charts, KPIs, data grids, filters, and reporting widgets for policy insights and business performance monitoring.
- Conducted usability reviews and implemented UX improvements based on stakeholder feedback, user pain points, and production support observations.
- Implemented accessibility standards using WCAG 2.1, ARIA labels, semantic HTML, focus states, and keyboard navigation for inclusive user experiences.
- Improved application responsiveness across desktop, tablet, and mobile devices using modern responsive design principles and adaptive layouts.
- Enhanced frontend performance through lazy loading, bundle optimization, code splitting, and efficient state management using Redux.
- Participated in Agile ceremonies including sprint planning, backlog refinement, story estimation, demos, and retrospective meetings.
- Mentored team members on UI best practices, reusable component development, accessibility standards, and modern React patterns.
- Designed polished forms with validations, inline help messages, error handling, and guided user interactions for enterprise data entry processes.
- Standardized UI consistency across multiple modules using shared typography, spacing systems, color palettes, and component guidelines.
- Supported production releases by reviewing UI defects, validating fixes, and improving overall customer experience quality.
- Helped modernize legacy screens into clean and modern React-based interfaces with better usability and maintainability.
- Delivered high-quality enterprise UI solutions that improved user satisfaction, reduced training effort, and accelerated digital transformation initiatives.

Environment: Figma, Adobe XD, React.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, SCSS, Tailwind CSS, Node.js, Material UI, Redux, Context API, React Hook Form, Storybook, REST APIs, GraphQL, Responsive Design, Wireframing, Prototyping, Design Systems, Accessibility (WCAG 2.1, ARIA), Jest, React Testing Library, Cypress, Selenium, Git, GitHub Actions, Jira, Confluence, Agile Scrum.

Client: Citizens Bank, Pittsburgh, PA

April 2020 – Oct 2023

Role: Sr. UI/UX Engineer

Responsibilities

- Redesigned online banking portals for account management, payments, transfers, statements, and loan servicing with a modern and intuitive customer experience.
- Built responsive customer dashboards showing balances, transactions, alerts, and financial summaries across desktop and mobile devices.
- Created wireframes, clickable prototypes, and polished UI screens for digital banking journeys and onboarding flows using Figma.
- Developed scalable frontend applications using React.js, TypeScript, HTML5, CSS3, and reusable UI components.
- Simplified complex banking workflows into step-by-step guided experiences that improved task completion and reduced abandonment rates.
- Designed secure login, MFA, profile management, and account recovery interfaces with user-friendly interactions.
- Improved accessibility compliance across customer portals using WCAG guidelines, keyboard support, and screen reader compatibility.
- Designed agentic workflow interfaces for automation tasks, debugging flows, approvals, retries, and execution tracking.
- Developed reusable design system components for forms, tables, cards, modals, navigation, and dashboards.
- Developed backend modules using Node.js and Express.js for internal banking dashboards and workflow tools.
- Built secure REST APIs using Node.js for account workflows, alerts, reporting, and internal automation features.
- Used **npm** scripts for package management, builds, CI/CD pipelines, and release processes.

- Integrated React.js frontend applications with Node.js backend services for dynamic and real-time user experiences.
- Supported full-stack enhancements across frontend and backend layers using React, TypeScript, and Node.js.
- Integrated real-time updates using WebSockets / SSE for pipeline monitoring, alerts, and live workflow progress.
- Built interactive charts and reporting widgets for account trends, spending insights, and customer financial behavior.
- Conducted A/B testing on key user flows to optimize engagement, conversions, and digital adoption.
- Collaborated with product teams and business stakeholders to prioritize UX enhancements based on customer needs.
- Enhanced mobile-first experiences ensuring seamless banking functionality across phones, tablets, and desktops.
- Developed reusable design system assets for forms, buttons, tables, cards, navigation menus, and alerts.
- Improved frontend performance using lazy loading, image optimization, and efficient rendering strategies.
- Worked with backend APIs to deliver real-time balances, alerts, and transaction updates with reliable user feedback states.
- Created wireframes, prototypes, and high-fidelity UI designs in Figma from concept to production delivery.
- Improved frontend performance with lazy loading, image optimization, caching, and rendering enhancements.
- Implemented accessibility standards including WCAG compliance, keyboard support, and screen reader compatibility.
- Supported Agile delivery cycles including sprint planning, demos, retrospectives, and cross-functional collaboration.
- Participated in Agile Scrum ceremonies, sprint demos, design reviews, and release planning discussions.
- Performed UI testing using Jest, Cypress, Selenium, and cross-browser validation techniques.
- Supported migration of older UI modules into modern React-based customer experiences.
- Reduced support issues by improving usability, error messaging, and form validations across banking screens.
- Mentored junior developers on responsive design, accessibility, React architecture, and clean UI coding practices.
- Delivered high-quality digital banking interfaces that improved customer satisfaction and strengthened online engagement.

Environment: Figma, Sketch, React.js, TypeScript, JavaScript, HTML5, CSS3, SCSS, Styled Components, Bootstrap, Redux, React Query, Node.js, Storybook, REST APIs, Responsive Design, User Flows, Wireframes, Prototypes, Accessibility (WCAG 2.1), Charts & Dashboards, Jest, Cypress, Selenium, Git, Jenkins, Jira, Confluence, Agile Scrum.

Client: State of Utah, Salt Lake City, Utah.

October 2019 – February 2020

Role: Sr. UI/UX Engineer

Responsibilities

- Designed and developed citizen-facing healthcare portals for Medicaid claims, eligibility verification, and provider management systems with user-friendly workflows.
- Created wireframes, prototypes, and interactive mockups in Figma for caseworkers, healthcare providers, and internal state users.
- Built responsive UI applications using React.js, Angular, TypeScript, HTML5, CSS3, and Material UI components.
- Simplified complex healthcare processes into intuitive step-by-step user journeys for faster claims processing and approvals.
- Designed dashboards for claims status, reimbursements, eligibility tracking, and provider performance metrics.
- Improved accessibility compliance using WCAG 2.1, ARIA labels, keyboard navigation, and screen reader support.
- Created reusable UI components such as forms, tables, cards, filters, tabs, alerts, and modals for consistent application design.
- Worked closely with business analysts and healthcare stakeholders to gather requirements and improve usability.
- Enhanced mobile and tablet responsiveness for field users and remote staff accessing healthcare systems.
- Integrated frontend applications with REST APIs for real-time data display and transaction updates.
- Designed clear form validation messages, guided workflows, and user-friendly error handling experiences.
- Improved performance through lazy loading, optimized rendering, and reusable state management patterns.
- Participated in Agile ceremonies including sprint planning, demos, backlog refinement, and retrospectives.
- Conducted usability reviews and incorporated feedback from state employees and healthcare providers.
- Supported modernization of legacy government systems into modern digital interfaces.
- Built charts and reporting widgets for healthcare claims analytics and operational insights.

- Performed UI testing and accessibility audits across multiple browsers and devices.
- Collaborated with developers to ensure accurate implementation of designs and UX behavior.
- Reduced training effort by designing cleaner interfaces and simplified user workflows.
- Delivered accessible and scalable healthcare UI solutions improving efficiency and citizen service experience.

Environment: Figma, Adobe XD, React.js, Angular 8, TypeScript, JavaScript, HTML5, CSS3, SCSS, Material UI, Bootstrap, Responsive Design, User Research, Wireframing, Prototyping, Accessibility (Section 508, WCAG 2.1, ARIA), Dashboard Design, Data Visualization, REST APIs, Storybook, Jest, Cypress, Selenium, Git, Jira, Confluence, Agile Scrum.

Client: Paypal, SFO, CA.

July 2017 – October 2019

Role: UI/UX Engineer

Responsibilities

- Designed and developed modern fintech dashboards for payments, fraud monitoring, settlements, and merchant reporting platforms.
- Created wireframes, prototypes, and high-fidelity designs for customer payment journeys and merchant portals.
- Built responsive applications using React.js, TypeScript, JavaScript, HTML5, CSS3, and Material UI.
- Improved checkout flows and payment experiences to reduce friction and increase successful transactions.
- Designed real-time dashboards displaying transactions, alerts, balances, and fraud detection insights.
- Created reusable design system components for forms, buttons, tables, cards, and navigation patterns.
- Worked with product managers and stakeholders to improve customer journeys and merchant onboarding.
- Conducted A/B testing for payment screens, checkout steps, and conversion optimization initiatives.
- Implemented accessibility standards using WCAG, keyboard navigation, and semantic UI patterns.
- Enhanced responsive behavior across desktop, mobile, and tablet payment platforms.
- Integrated frontend systems with APIs for real-time payment processing and transaction updates.
- Improved frontend performance through code splitting, lazy loading, and rendering optimizations.
- Designed user-friendly error states, transaction confirmations, and secure payment notifications.
- Built interactive charts and reports for merchant analytics and revenue trends.
- Participated in Agile Scrum ceremonies and collaborated with global teams.
- Performed UI testing using Jest, Cypress, Selenium, and cross-browser validation.
- Supported modernization of legacy fintech applications into modern React-based interfaces.
- Mentored junior developers on React best practices and reusable UI patterns.
- Improved usability and reduced support issues through cleaner workflows and better navigation.
- Delivered engaging payment experiences that improved customer trust and merchant satisfaction.

Environment: Figma, Sketch, React.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, SCSS, Tailwind CSS, Material UI, Redux Toolkit, React Hook Form, Design Systems, Responsive Design, Prototyping, User Experience Design, Data Visualization, REST APIs, GraphQL, Accessibility (WCAG), Jest, React Testing Library, Cypress, Selenium, Git, Jenkins, Jira, Agile Scrum.

Client: Lowe's, Morrisville, NC.

April 2015 - July 2017

Role: UI/UX Engineer

Responsibilities

- Designed and developed eCommerce interfaces for product catalog, cart, checkout, and customer account management systems.
- Created wireframes, mockups, and prototypes for online shopping journeys and retail customer experiences.
- Built responsive UI applications using Angular, JavaScript, HTML5, CSS3, Bootstrap, and Angular Material.
- Improved product discovery experiences using search filters, categories, sorting, and intuitive navigation.
- Designed shopping cart experiences with saved items, quantity updates, and promotional code workflows.
- Enhanced checkout flows for faster order completion and reduced cart abandonment.
- Built store locator interfaces with maps, pickup scheduling, and inventory availability indicators.
- Created reusable UI components for product cards, forms, buttons, banners, and navigation menus.
- Implemented mobile-first responsive designs for seamless shopping across devices.
- Worked closely with marketing and product teams on seasonal campaigns and promotional landing pages.
- Conducted A/B testing for checkout improvements and conversion rate optimization.
- Improved accessibility standards for forms, navigation, and customer shopping workflows.
- Integrated frontend applications with REST APIs for products, pricing, orders, and inventory data.
- Optimized page load speed using image optimization, lazy loading, and caching strategies.
- Designed clean product detail pages with galleries, descriptions, reviews, and recommendations.
- Participated in Agile development cycles, sprint planning, and stakeholder demos.
- Performed UI testing across browsers, screen sizes, and operating systems.
- Reduced user friction through better form validations and improved checkout messaging.
- Supported reusable design patterns improving consistency across eCommerce modules.
- Delivered engaging retail experiences that increased usability, conversions, and customer satisfaction.

Environment: Figma, Adobe XD, React.js, Angular, TypeScript, JavaScript, HTML5, CSS3, SCSS, Bootstrap, Angular Material, Responsive Design, eCommerce UX, Checkout UX, Mobile First Design, Design Systems, Wireframes, User Flows, REST APIs, Accessibility Standards, Jest, Karma, Cypress, Selenium, Git, Jira, Agile Scrum.

Client: Palo Alto Networks, SFO, CA.

May 2014 - April 2015

Role: UI/UX Engineer

Responsibilities

- Designed and developed internal enterprise dashboards for operations, reporting, and business workflow management systems.
- Built responsive user interfaces using JavaScript, HTML5, CSS3, Bootstrap, JSP, and Servlets.
- Created clean layouts, forms, tables, and reporting screens for internal business users.
- Designed wireframes and UI concepts for new modules and workflow enhancements.
- Improved usability of legacy applications through cleaner navigation and simplified page structures.
- Developed reusable frontend components for forms, buttons, menus, tables, and alerts.
- Worked with backend teams to integrate frontend modules with REST and SOAP APIs.
- Designed dashboards displaying KPIs, operational metrics, and performance data.
- Improved accessibility using semantic HTML, proper labels, and keyboard-friendly interactions.
- Enhanced cross-browser compatibility across Chrome, Firefox, Internet Explorer, and Safari.
- Created print-friendly reports and exportable screens for business operations.
- Supported migration of older UI modules into modern web-based interfaces.
- Worked with stakeholders to gather requirements and refine UI workflows.
- Improved page responsiveness and visual consistency across multiple internal systems.
- Participated in testing cycles, bug fixes, and release support activities.
- Conducted UI validation and browser testing for production readiness.
- Assisted in frontend performance improvements and CSS optimization.
- Collaborated in Agile and Waterfall delivery models based on project needs.
- Maintained UI coding standards and reusable styling patterns.

- Delivered stable and user-friendly enterprise interfaces improving employee productivity.

Environment: Sketch, Adobe XD, JavaScript, HTML5, CSS3, SCSS, Bootstrap, JSP, Servlets, React.js, UI Design, Responsive Layouts, Dashboard Design, Wireframing, Accessibility, User Flows, REST APIs, Cross-Browser Testing, Jest, Selenium, Git, SVN, Jira, Agile, Waterfall.