

Anil Bommineni

UI/UX DEVELOPER

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SUMMARY

- UI/UX Developer with 5+ years of experience delivering intuitive, accessible, and high-performance web applications using React.js, Redux Toolkit, and TypeScript.
- Built interactive **Figma prototypes** with clickable flows and annotations for stakeholder reviews, reducing design-to-dev handoff time by 50% and eliminating ambiguity in feature scope.
- Created and maintained a centralized design token system to **unify typography, spacing, and color schemes** across products, improving visual consistency and reducing UI defects by 40%.
- Specialized in building SPAs and PWAs with SSR, lazy loading, and code-splitting using Next.js, improving load times and SEO performance by 30%.
- Proficient in modern **JavaScript (ES6+), TypeScript, and React Hooks** to create modular, maintainable components and scalable front-end architectures.
- Designed and developed responsive design systems using **Tailwind CSS, Material UI, and Figma**, ensuring consistency across teams and reducing design debt.
- Collaborated closely with UX designers to translate **wireframes** and **prototypes** into functional interfaces, improving usability and visual fidelity.
- Led user testing sessions, gathered feedback, and iterated on interaction patterns to enhance user satisfaction and reduce drop-off rates.
- Built and deployed cloud-native applications on **AWS using EC2, Lambda, and S3**, with CI/CD automation using GitHub Actions and Jenkins.
- Familiar with Node.js and Express.js for backend integration and form handling, with hands-on experience connecting to PostgreSQL and MongoDB.
- Expertise in UI/UX development using Tailwind CSS, SASS, and Material UI **with Figma and Adobe XD** design handoffs.
- Led implementation of accessibility (ADA/WCAG 2.1), performance tuning, and testing strategies using Cypress, Jest, and React Testing Library.
- Integrated **GraphQL APIs**, implemented WebSockets for real-time updates, and built micro-frontend architectures for scalable, modular UI delivery.

Master Of Science in DATA Science | University of North Texas, Denton, TX, USA | 2022-2023

Bachelor Of Science in Engineering | Qis College of engineering & Technology, India | 2014-2018

SKILLS

Design & Prototyping: Figma, Adobe XD, Sketch, Invision, Wireframing, High-Fidelity Prototypes

Methodologies: SDLC, Agile/Scrum, Waterfall

Frontend: React.js, Next.js, Angular, JavaScript (ES6+), TypeScript, Redux Toolkit, HTML5, CSS3, Tailwind CSS, SASS, Bootstrap, Material UI, React Forms

Backend: Node.js, Express.js, Spring Boot, REST APIs, GraphQL, JWT Auth, MongoDB, PostgreSQL, SQL Server

Cloud & DevOps: AWS (EC2, S3, RDS, Lambda, CloudFormation, IAM), GitHub Actions, Jenkins, Docker

Testing: Jest, Cypress, React Testing Library, Jasmine, Karma, Postman

Tools & Others: Git, GitHub, Bitbucket, Figma, Adobe XD, Webpack, Babel, Agile/Scrum, Jira

Monitoring & Accessibility: New Relic, Sentry, Lighthouse, Axe-core, WCAG 2.1 Compliance

Programming Languages: Python, SQL, Java

EXPERIENCE

Wells Fargo, TX | UI/UX DEVELOPER

JAN 2024 – PRESENT

- Built scalable merchant portal using React.js, Next.js, Tailwind CSS, and GraphQL, achieving 30% faster load times and full WCAG 2.1 accessibility compliance.
- Developed REST APIs and microservices using Spring Boot and Node.js, integrating with MongoDB and PostgreSQL for dynamic data interactions.
- Created Figma-based design systems and collaborated with design teams to translate UX flows into reusable components.
- Designed responsive layouts and navigation patterns, improving mobile task completion rates by 30%.
- Developed form-intensive interfaces using React Hook Form and Yup, ensuring robust validations and error handling.
- Worked closely with UX teams to iterate over user testing feedback and update interaction models accordingly.
- Designed and maintained a custom component library in TypeScript to standardize UI across applications, reducing redundant code by 40%.
- Collaborated with QA and product teams to triage bugs, test UI edge cases using React Testing Library, and deliver hotfixes using feature branching in GitHub.
- Implemented error boundary handling and fallback UIs using React 18, improving fault tolerance and enhancing user experience during API failures.
- Built CI/CD pipelines with GitHub Actions for automated deployment, testing, and rollback across environments.
- Used Cypress and Jest for unit and integration testing, ensuring high test coverage and production stability.
- Built reusable custom components and hooks using React and TypeScript, ensuring modularity and code quality.

VARIOUS CLIENTS, INDIA | UI/UX DEVELOPER

MAR 2018 - NOV 2021

- Developed responsive web interfaces using Angular, React, TypeScript, HTML5, and CSS3, aligned with Figma designs for pixel-perfect implementations.
- Converted wireframes and high-fidelity mockups into functional React and Angular components for dashboards and user portals.
- Built responsive grid systems and reusable design tokens using SCSS and Flexbox, ensuring consistent UX across screen sizes.
- Created interactive prototypes using Adobe XD and Figma, working with stakeholders to finalize layout flows and interactions.
- Conducted accessibility reviews and implemented semantic HTML structures to improve screen reader compatibility.
- Streamlined form UX by implementing dynamic validation rules and tooltips, reducing abandonment rates.
- Engineered RESTful and GraphQL APIs using Node.js and Express, implementing efficient middleware and routing strategies.
- Utilized RxJS and Angular Services for reactive programming and streamlined API handling.
- Created and tested reusable form components using React Hook Form, Yup, and TypeScript, improving input validation and UX.
- Enhanced app performance using lazy loading, code splitting, and memoization, reducing initial load time by 25%.
- Configured Webpack and Babel to optimize build performance, achieving 35% faster development builds and enhanced production bundles.
- Implemented server-side form validation and rate-limiting middleware in Node.js Express APIs to strengthen backend security and prevent abuse.
- Integrated responsive grid layouts and Flexbox/SASS variables to deliver pixel-perfect, mobile-first designs aligned with UI/UX specs.
- Built end-to-end test suites using Jasmine, Karma, and React Testing Library, ensuring bug-free releases.
- Integrated with AWS cloud services for application deployment and managed backend data with SQL Server and MongoDB.
- Collaborated with Agile teams, contributing to sprint planning, code reviews, and technical discussions.