# Anusha Bandarapu

## UI Developer | Front-End Engineer | React & Angular Specialist

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## Professional Summary

- UI Developer with 4+ years of experience building responsive and scalable web applications using React.js, Angular, TypeScript, and JavaScript.
- Proficient in HTML5, CSS3, SCSS, Tailwind CSS, and Material UI, with a strong focus on performance, accessibility, and cross-browser compatibility.
- Skilled in integrating RESTful APIs, managing state with Redux and RxJS, and implementing secure authentication with JWT, OAuth 2.0, and AWS Cognito.
- Experienced in deploying optimized front-end builds to Content Delivery Networks (CDNs) and collaborating on CI/CD pipelines to improve delivery speed and scalability.
- Collaborated closely with UX designers, backend teams, and product managers in Agile/SCRUM environments to deliver user-centric, production-ready UI solutions.

## Work Experience

### Front-End Developer | Kemper Insurance | May 2024 – Present

- Developed responsive UI components using React.js, TypeScript, and Redux, improving user navigation by 30%.
- Enhanced performance through lazy loading, memoization, and dynamic imports, achieving 25% faster load times.
- Integrated RESTful APIs for real-time policy comparisons and claims, improving data accuracy by 20%.
- Implemented secure authentication using JWT, OAuth 2.0, and AWS Cognito, reducing unauthorized access by 25%.
- Achieved 90%+ test coverage using Jest and Cypress; reduced defects by 20% in production.
- Collaborated with UX, backend, and DevOps teams in Agile/SCRUM to ensure 95% sprint success.

### Software Developer | TCS – Client: Cardinal Health | July 2022 – Feb 2023

- Developed HIPAA-compliant EHR dashboard using React.js, TypeScript, SCSS, and Material-UI for 50,000+ users.
- Built real-time WebSocket-based notification system, reducing missed appointments by 50%.
- Integrated FHIR-based RESTful APIs with Node.js and Express.js to reduce data retrieval time by 25%.
- Implemented secure authentication with OAuth 2.0, JWT, and MFA to maintain HIPAA compliance.
- Wrote 200+ tests using Jest and Cypress with 90%+ coverage; improved stability and reduced bugs by 35%.
- Streamlined deployments via CI/CD integration; improved release speed by 30%.

### Front-End Developer | Client: Wiley | Apr 2020 – June 2022

- Optimized Angular-based e-commerce platform, improving page load time by 30% using lazy loading and code splitting.

- Built real-time product updates using WebSockets, RxJS, and Angular Services; reduced cart abandonment by 20%.
- Created reusable components and forms with Reactive Forms and Angular CLI, accelerating delivery by 35%.
- Implemented role-based access using route guards and Angular Router for secure module access.
- Maintained 150+ unit tests with Karma and Jasmine; achieved 90%+ coverage and cut defects by 40%.
- Deployed assets via CDN for improved global performance and scalability.

## Technical Skills

- Languages & Markup: JavaScript, TypeScript, HTML5, CSS3, Java
- Frameworks & Libraries: React.js, Angular, Next.js, Node.js, Express.js
- State Management: Redux, Context API, RxJS, BehaviorSubject
- Styling & UI: Material-UI, Tailwind CSS, Bootstrap, SCSS, SASS, LESS
- APIs & Integration: RESTful APIs, WebSockets, GraphQL, FHIR, Chart.js
- Authentication & Security: JWT, OAuth 2.0, MFA, AWS Cognito, Firebase Auth, Keycloak
- Databases: PostgreSQL, Firebase (Realtime & Firestore), MongoDB, MySQL
- Testing: Jest, Cypress, Mocha, Karma, Jasmine
- Optimization: Lazy Loading, Code Splitting, Memoization, Lighthouse, Webpack, AOT Compilation
- DevOps & Cloud: AWS (Lambda, Cognito), Firebase, Netlify, Docker, Kubernetes, Jenkins
- Tools: Git, GitHub, Jira, Trello, Figma, Adobe XD
- Methodologies: Agile, SCRUM, TDD

## Certifications

- Meta Front-End Developer – Coursera
- Google UX Design Professional Certificate – Coursera
- React – The Complete Guide (Hooks & Redux) – Udemy

## Academic Projects

- **Lumina Dine** – A full-featured restaurant management app with table, menu, and order handling, elegant experience. Techstack*: PHP, HTML, CSS, JavaScript, and Bootstrap. (Master's Project)*
- **Personal Finance** Tracker- Developed a full-stack finance tracker to manage income/expenses, visualize trends with charts, and ensure secure user authentication.
  Tech Stack*: React.js, Material-UI, Node.js, Express.js, MongoDB, JWT, Vercel, Render*
- **Treasured Tales** – Developed a responsive memory-sharing web app with contributor submissions, image uploads, and a dynamic creator dashboard for managing personal tributes
  Tech Stack: *Angular, TypeScript, SCSS, HTML5, Reactive Forms, Routing.*

## Education

- Master of Science in Computer Information Systems – Concordia University Wisconsin,
- Bachelor of Technology in Computer Science – JNTUH, India,