REDDY UPPATHI

Senior Full Stack Software Engineer

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📍 Dubai, United Arab Emirates

SUMMARY

Senior Full Stack Software Engineer with 10 years of experience designing and delivering high-availability mobile and web applications (99.9% uptime) supporting over 1M daily transactions. Expertise includes **React, Angular, React Native, Redux, Node.js, MongoDB and GenAI** technologies.

WORK EXPERIENCE

Senior Full Stack Software Engineer
07/2023 - Present

Emirates NBD (ValueLabs)
Dubai, UAE

- Developed and maintained **React Native** mobile applications in the banking and finance domain using a component-driven architecture and reusable UI libraries.
- Engineered reusable UI component library used across 4 projects, cutting **dev time by 30%**.
- Built and scaled React Native mobile applications for Emirates NBD, achieving 500K+ users and maintaining **99.5% crash-free** performance.
- Implemented Generative AI solutions to optimize customer support, **reducing user waiting time by 30%** and enhancing overall service efficiency.
- Optimized bundle size & rendering, reducing load time by 40% and achieving 60 FPS on low-end devices.
- Implemented predictive preloading and image optimization strategies, decreasing data usage by 35% for mobile users.
- Built CI/CD pipelines for React Native, automating testing and cutting release cycles from 2 weeks to 3 days.
- Worked closely with product managers, UX designers, and analysts to deliver features that improved customer compliance by 30%.
- Streamlined CI/CD pipelines with Jenkins/GitHub, reducing deployment time by 20% for seamless releases.

Associate Consultant
01/2017 - 06/2023

ValueLabs
Hyderabad, India

- Integrated critical native modules (**bridging**), **push notifications** (Firebase), **deep linking**, and biometric auth.
- Implemented code splitting, lazy loading, and memorization, reducing bundle size by ~35% and improving startup time.
- Reduced app crashes from 2.1% to 0.15% through comprehensive error boundary implementation and automated crash analytics.
- Led the team in building real-time fraud rules with Node.js/SQL, slashing **fraudulent transactions by 75%.**
- Developed interactive, data-driven charts using D3.js to visualize sales data.
- Established comprehensive testing suites using Jest, React Native Testing Library, and Detox, achieving 85%+ unit and end-to-end test coverage.

Web Developer
07/2015 - 11/2016

Aptara
Trivandrum, India

- Built a cancer e-learning platform (Node.js/Angular) for 10K+ doctors, **achieving 99.5% exam uptime.**
- Adapted and integrated WHO-compliant credit system certifying 5K+ oncologists yearly.
- Maintained 100% HIPAA and GDPR compliance, resulting in a **20% increase** in medical exam pass rates.
- Followed W3C Guidelines to ensure the application met Web Accessibility Compliance and Section 508 standards.

Junior Software Engineer
06/2014 - 06/2015

HurixDigital
Hyderabad, India

- Developed a cloud-based e-learning platform, enabling educators to create 50% more interactive content.
- Debugged and resolved 20 UI/API P1 issues, improving platform stability and user satisfaction by 15%.
- Implemented responsive web design (RWD) with HTML5 and CSS3, ensuring cross-browser compatibility.

SKILLS

Frontend

React Native · Expo · React 17+ · Angular · Gen AI · TypeScript · JavaScript · ES6+ · Redux · D3 JS · Playwright · TailwindCSS · Expo · React Hooks · Bootstrap · SCSS · Git · SonarQube

Backend & Databases

NodeJs · MongoDB · Swagger · REST APIs

Cloud & DevOps

AWS · S3 · EC2 · SQS · ELK · NGINX · Docker · CI/CD · Kubernetes · Agile · Jira

KEY ACHIEVEMENTS

⭐ **AiDE Agents Certfied Engineer**

⭐ **ValueLabs Best employee of the Quarter, Months (3 times)**

COURSES

Machine Learning and Gen AI

Completed Machine Learning and Generative AI certifications from Udemy

EDUCATION

Bachelor of Technology

Jawaharlal Nehru Technological University

Hyderabad, India