

Pranoy Premal

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Summary

Senior Full Stack Developer with over 10 years of experience designing, architecting, and scaling secure, high-performance web applications. Expert in JavaScript (ES6+), TypeScript, ReactJS, NodeJS, and modern frontend architectures. Proven success in leading cross-functional initiatives, defining frontend strategy, and delivering highly scalable applications for millions of users. Experienced with AWS, Kubernetes, CI/CD, and observability tools like Grafana and Sentry. Passionate about technical excellence, mentorship, and leveraging AI/LLMs to enhance developer experience and customer engagement.

Experience

- **Senior Software Engineer, Kotak Mahindra Bank – Mumbai, India (Sept 2021 – Present)**
 - Architected and developed large-scale, secure banking applications using ReactJS, TypeScript, and NodeJS.
 - Defined and implemented scalable frontend architecture ensuring stability, security, and performance for millions of users.
 - Optimized web performance and introduced CI/CD automation pipelines using Jenkins and Docker.
 - Mentored developers on code quality, testing, and architectural design; improved development velocity and consistency.
 - Collaborated with product and business stakeholders to align technical strategy with KPIs.
 - Tech: ReactJS, TypeScript, NodeJS, Express, Zustand, TailwindCSS, AWS, Docker, Jenkins, Grafana, Sentry.
- **Senior Software Engineer, Eduisfun Technologies – Mumbai, India (Feb 2020 – Sept 2021)**
 - Designed and implemented high-performance dashboards using ReactJS, Redux, and TypeScript.
 - Built AWS Lambda-based RESTful APIs integrated with DynamoDB and S3 for scalable data solutions.
 - Spearheaded frontend modernization initiative improving UX and reducing load times by 40%.
 - Collaborated across teams to define and enforce frontend best practices and coding standards.
- **Software Engineer, Infocus Technologies – Mumbai, India (May 2019 – Feb 2020)**
 - Developed dynamic ReactJS applications following modern component-based architecture.
 - Led code reviews and improved testing coverage with Jest and Mocha.
 - Enhanced backend communication and reliability through RESTful APIs and PostgreSQL integration.
- **Software Engineer, Dure Technologies – Mumbai, India (Aug 2015 – May 2019)**
 - Developed complex, data-driven applications using AngularJS and ReactJS.
 - Architected reusable UI components and RESTful services for WHO and global health clients.
 - Built scalable dashboards and analytics systems with Highcharts and Leaflet.

Education

Master of Computer Applications – SIES College of Management Studies, Mumbai University (July 2015)

Bachelor of Science (Information Technology) – Model College, Mumbai University (Oct 2012)

Technologies

Languages: JavaScript (ES6+), TypeScript, Java

Frontend: ReactJS (Hooks, Context, Zustand), Next.js, Angular, TailwindCSS, Redux, Vite

Backend: NodeJS, ExpressJS

Cloud & DevOps: AWS, Docker, Kubernetes, Jenkins, CI/CD Pipelines

Monitoring & Analytics: Grafana, Sentry, ELK Stack

Databases: DynamoDB, PostgreSQL, MongoDB, MySQL

Testing: Jest, Mocha, React Testing Library

Architecture: Microservices, SSR, Scalable Frontend Systems