Prince Paulose

SENIOR JAVA FULL-STACK ENGINEER

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ⓘ PROFESSIONAL SUMMARY

Senior Full Stack Engineer with 7+ years of experience specializing in React, Node.js, and Java microservices. Proven track record of architecting scalable web applications, optimizing performance, and leading development teams in Agile environments. Expert in distributed systems, AWS cloud infrastructure, and modern frontend architectures. Passionate about code quality, automation, and mentoring developers.

🔧 TECHNICAL SKILLS

Frontend Development
React, Redux, Next.js, TypeScript, HTML5, CSS3, Micro-frontends, Accessibility

Backend & API
Java, Spring Boot, Node.js, Express, Spring Cloud, Spring Security, Hibernate/JPA, Microservices, GraphQL

Database & Cloud
MongoDB, MySQL, PostgreSQL, Redis, AWS, Docker, Kubernetes

Tools & DevOps
Git, Maven, Gradle, Jenkins, Kafka, JUnit/Mockito, System Design, Jira

💼 PROFESSIONAL EXPERIENCE

IBM India Software Labs
Senior Software Developer

May 2024 – Present
Kochi, India

- Architected and developed the Backend for Frontend (BFF) layer for IBM Data Product Hub using Node.js, Express, and GraphQL, enabling efficient data aggregation for React clients.
- Built enterprise-grade React frontend components with TypeScript, implementing modern React Hooks patterns and state management strategies.
- Established comprehensive testing infrastructure including unit, integration, and E2E tests, achieving high code coverage and significantly reducing production defects.
- Collaborated with Java microservices teams to design and integrate RESTful APIs in a distributed architecture.
- Migrated legacy JavaScript components to modern TypeScript architecture, significantly improving type safety and maintainability.

Capgemini
Lead Software Engineer

Mar 2023 – April 2024
Kerala, India

- Led a team of 5 engineers in delivering an enterprise Incident Management micro-frontend application, managing the full SDLC from design to deployment.
- Architected a scalable solution using React, Node.js, and GraphQL, utilizing Redis for caching and cloud infrastructure for CI/CD pipelines.
- Designed an Admin Reporting section with PowerBI integration, providing real-time analytics that reduced incident resolution time.
- Implemented user onboarding tours and interactive guides, improving adoption and reducing support ticket volume.
- Mentored team members on modern development workflows, code quality best practices, and architectural patterns.

💼 PROFESSIONAL EXPERIENCE (CONTINUED)

Toobler Technologies   Feb 2019 – Feb 2023
Senior Software Engineer   Kerala, India

- Architected an Interactive Event Management Platform with real-time video (WebRTC) and messaging, onboarding a Fortune 500 client.
- Built an end-to-end Course Creation Platform with a drag-and-drop builder, enabling educators to monetize content.
- Designed a high-performance IoT Analytics Platform processing thousands of sensor points/sec using Python, Node.js, and React.
- Developed a cross-platform React Native mobile app for IoT monitoring with offline-first architecture.
- Established robust AWS infrastructure (EC2, S3, Lambda) ensuring high availability during high-traffic events.
- Led technical initiatives to improve code quality and implement CI/CD pipelines, accelerating deployment time.

📁 KEY PROJECTS

Smart Expense Tracker Platform   Full Stack Microservices
Java, Spring Boot, Microservices, MongoDB, React, Redux Toolkit, Docker

An enterprise-grade financial management platform demonstrating microservices architecture. Decoupled Authentication and Core services using Spring Boot, secure JWT auth, and an Event-Driven architecture. Features a responsive React/Redux frontend, Docker containerization, and comprehensive data visualization.

Stock Market Signals App   Real-time Analytics
Node.js, React, TypeScript, MongoDB, Socket.io, TradingView Webhooks

Real-time stock signal analysis app for Nifty 50 tokens. Integrates TradingView webhooks, validates signals based on custom risk/reward logic and market hours, and broadcasts to a React frontend via WebSockets with sub-second latency. Features a robust validation engine and automated data expiration.

🖥 EDUCATION

University of Calicut   2014 – 2018
B.Tech in Computer Science and Engineering

🎗 AWARDS

GEM (Going the Extra Mile) Award   2023
Awarded by **Capgemini** for exceptional performance, ownership, and outstanding contributions to project delivery and team mentorship.

💬 LANGUAGES

English: Professional Proficiency   **Malayalam:** Native   **Hindi:** Working Level (Understand & Speak)