

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.

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

May 2024 – Present

Senior Software Developer

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

Mar 2023 – April 2024

Lead Software Engineer

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.
- 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.

 [View Repository](#)

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.

 [View Repository](#)

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)