

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

Bengaluru, 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 Senior Software Engineer	Feb 2019 – Feb 2023 Kerala, India
<ul style="list-style-type: none">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 <i>Java, Spring Boot, Microservices, MongoDB, React, Redux Toolkit, Docker</i>	Full Stack Microservices
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 <i>Node.js, React, TypeScript, MongoDB, Socket.io, TradingView Webhooks</i>	Real-time Analytics
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 B.Tech in Computer Science and Engineering	2014 – 2018
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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)