Satin Patel

Java Full Stack Developer | AI-Driven Development Enthusiast

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Full-Stack Java Developer with 5+ years of experience in Java microservices, cloud-native solutions, and modern frontend frameworks. Skilled in API optimization, caching, and secure coding, with proven success in leading teams and leveraging AI-powered tools to accelerate delivery and ensure quality.

Experience

Software Engineer at Amdocs, Pune
SEP 2024 - Present

- Developing telecom management platform (Optima) with Spring Boot microservices, Apache Camel, and ReactJS.
- Integrated Drools rule engine to manage product visibility and apply dynamic offers.
- Optimized API response time to under 1 second in production, improving customer experience.
- Created 3 internal debugging tools using Tabnine and Cursor, significantly improving developer efficiency:
  - JSON Analyzer – Visualized JSON structures in tree/org view for easier debugging.
  - Debug Log Analyzer – Automated analysis of large log files, reducing debugging time by 40%.
  - Optima Code Utility – Assisted developers in navigating complex Optima modules.
- Leveraged ChatGPT, Claude, and Cursor for debugging, test case generation, and accelerating feature development.

Software Engineer at Nagarro, Jaipur
JAN 2022 - AUG 2024

- Migrated JBoss Fuse microservices to Spring Boot, reducing latency and simplifying deployment pipelines.
- Implemented caching and optimized queries, cutting API execution time by 50%.
- Built backend services with Couchbase (NoSQL) and PostgreSQL, ensuring scalability and resilience.
- Utilized Docker and Kubernetes for local testing, environment simulation, and deployment.
- Guided frontend teams on React and Redux best practices.
- Enforced secure coding practices with SonarQube, Black Duck, and Checkmarx compliance.
- Achievements:
- Awarded "Best of the Best" (Q3 & Q4 2022) for outstanding project performance.
- Recognized as "The Brightest Mind" (2023–2024) for innovation and problem-solving.

Assistant System Engineer at TCS, Hyderabad
Nov 2020 - Jan 2022

- Built internal dashboards in ReactJS for data visualization and reporting.
- Developed MySQL data pipelines and created Collibra datasets for data governance.
- Led 3 frontend projects, introducing PrimeNG & PrimeReact, improving reusability and reducing dev cycles.
- Designed high-performance solution for dealer guide manual generation, cutting steps from 6 → 2 and resolving browser memory issues.
- Ensured code security and compliance through SonarQube, Black Duck, Checkmarx.
- Received "On the Spot Gems" award for significant project contribution.

Education

Samrat Ashok Technological Institute, Vidisha
Aug 2016 - June 2020

- Bachelors of Engineering in Information Technology

Skills

- **AI & Productivity Tools :** GitHub Copilot, ChatGPT, Claude, Cursor, Tabnine
- **Backend & Microservices :** Java (8/17), Spring Boot, JBoss Fuse, Apache Camel, Drools (Rule Engine), REST APIs, Microservices Architecture
- **Frontend Development :** ReactJS, Redux, Angular, PrimeNG, PrimeReact, Thymeleaf
- **Databases & Caching :** PostgreSQL, MySQL, Couchbase (NoSQL), Redis, Query Optimization
- **DevOps & Cloud :** Docker, Kubernetes (kubectl), EaaS
- **CI/CD & Code Quality :** Git, Jira, Jenkins, SonarQube, Black Duck, Checkmarx
- **Best Practices :** Java Design Patterns, Integration Patterns, Secure Coding, Agile & Scrum

Achievements

- Winner of the "**Best of the Best**" award in Nagarro for outstanding performance in Q3 & Q4 2022.
- Recipient of the "**On the Spot Gems**" award in TCS for exceptional contributions.
- Achieved "**The Brightest Mind**" award in Nagarro for the year 2023-2024.

Projects

Optima – Telecom Management Platform (Amdocs)
Tech Stack: ReactJS, Apache Camel, JBoss Fuse, Spring Boot, PostgreSQL, Couchbase
- Built backend microservices to manage full customer lifecycle.
- Integrated Drools rule engine for dynamic offers and product visibility.
- Optimized API response times to sub-second execution in production.
- Contributed to frontend React components ensuring seamless backend integration.
- Utilized Docker + kubectl for environment simulation and testing.

ESSHO – Document & Cost Management (Nagarro)
Tech Stack: Angular, Spring Boot, Java 17, PrimeNG, PostgreSQL, Redis
- Designed and developed responsive UI modules (DOC Publish & CRAFT) with Angular.
- Implemented secure APIs and optimized database schemas for reporting.
- Improved performance with Redis caching for frequent queries.
- Boosted developer productivity by integrating GitHub Copilot, Tabnine, and ChatGPT into workflows.

Supplier Management Tool – Phase 2 (Nagarro)
Tech Stack: ReactJS, Spring Boot, PostgreSQL, Redis, Redux, Axios
- Designed React + PrimeReact UI with state management via Redux.
- Built access-controlled supplier registration & approval workflows.
- Streamlined backend integration with REST APIs, improving data flow and security.

Sales Program Guide (Nagarro)
Tech Stack: Angular 7 → Angular 14, Spring Boot, PostgreSQL, Thymeleaf, Redis
- Migrated legacy Angular 7 module to Angular 14, modernizing UI/UX.
- Designed and developed 50+ dynamic screens for flexible content creation.
- Built Spring Boot APIs + Thymeleaf for automated PDF report generation.
- Reduced approval cycle time by automating workflows using Redis caching.