

Rajesh Kumar Ojha

Senior Software Engineer

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Summary

Senior Software Engineer with 12+ years of experience building enterprise software, engineering platforms, and production-grade backend services using Java, Spring Boot, React, and cloud-native technologies. Currently building internal engineering platforms and AI-powered developer tools at Walmart Global Tech that improve engineering productivity and software delivery.

Professional Experience

Walmart Global Tech India

Jan 2021 – Present

Senior Software Engineer

- Design, architect, and deliver production-grade backend services and full-stack applications.
- Own end-to-end feature delivery from solution design through production support.
- Build scalable engineering platforms used across Walmart Global Tech.
- Develop AI-powered engineering applications including reports.ai.
- Design secure REST APIs and reusable backend services.
- Improve engineering productivity through automation and internal tooling.
- Contribute to production reliability through code reviews, CI/CD, monitoring, and incident resolution.

Intelliswift Software

Oct 2017 – Dec 2020

Technical Lead

- Led automation engineering initiatives for enterprise applications serving US customers.
- Designed enterprise automation frameworks and integrated BrowserStack with CI pipelines.
- Mentored engineering teams to improve overall testing standards.

Proarch IT Solutions

Apr 2016 – Sep 2017

Senior Test Engineer

- Developed reusable Selenium frameworks and improved regression efficiency.
- Integrated BrowserStack automation for cross-browser testing solutions on enterprise platforms.

NeoSOFT Technologies

Jan 2015 – Mar 2016

Senior Software Tester

- Executed functional testing, regression testing, and Selenium automation for enterprise web applications within an Agile environment.

Freelance

Dec 2012 – Jan 2015

Software Engineer

- Delivered manual and automation testing solutions for clients across e-commerce and healthcare domains.
- Built Selenium WebDriver automation scripts using Java and collaborated directly with clients throughout the software development lifecycle.

Featured Projects

reports.ai — AI-powered Engineering Reporting Platform (Walmart Global Tech)

Enterprise engineering productivity platform that automates engineering reporting and leadership communication.

- Designed and developed a full-stack application using Java 21, Spring Boot 3.4, React 18, and TypeScript.
- Built AI-assisted reporting workflows that automate executive-ready engineering reports.
- Integrated Jira MCP Server, Azure Cosmos DB, PingFederate SSO, Docker, and Kubernetes.
- Automated accessibility, defect, execution, and completion reporting.
- Eliminated manual report creation while improving engineering visibility across multiple teams.

Release Dashboard Service

Enterprise engineering intelligence platform providing quality, deployment, and engineering analytics.

- Designed scalable backend services for engineering metrics aggregation.
- Developed analytics dashboards, escalation workflows, and scheduled reporting.
- Implemented recursive organizational hierarchy generation and SQL optimization.
- Improved engineering decision-making through centralized quality insights.

Tech Stack: Java, Spring Boot, SQL Server, BigQuery, Kubernetes

QualityHub Dashboard

Enterprise dashboard for accessibility, deployment quality, and engineering health monitoring.

- Developed dashboards for deployment quality and accessibility tracking.
- Built secure authentication and enterprise API integrations.
- Reduced defect aging and improved engineering visibility.

Core Skills

Languages	Java, TypeScript, JavaScript, SQL
Backend	Spring Boot, REST APIs, Microservices, JPA/Hibernate
Frontend	React, Vite, HTML, CSS
Databases	SQL Server, Azure Cosmos DB, BigQuery
DevOps & Cloud	Docker, Kubernetes, CI/CD, Git, Jenkins
Engineering	Distributed Systems, System Design, Engineering Platforms, AI Integration

Education & Accomplishments

- Bachelor of Technology:** Electronics & Communication Engineering, BPUT Odisha
- Certification:** Google AI Professional, Coursera