

Sanjeet Biswas

Senior Software Developer · Portal Development Lead

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👤 PROFILE

Senior Software Developer and Portal Development Lead with 8+ years of experience architecting scalable, secure enterprise web platforms for global telecom and finance clients. Expertise in Java 8+, Spring Boot and Angular, with end-to-end ownership spanning solution design, proofs of concept, implementation, performance optimization and delivery.

📁 WORK EXPERIENCE

Senior Software Developer — Netcracker Technology

Jun 2022 – Present

Client: Rakuten Group, Inc. (Tokyo, Japan)

Lead portal development for a global telecom product organization, delivering scalable, secure web platforms with Java 8+, Angular 2, Liferay, PostgreSQL and WildFly. Own solutions from requirement analysis and architecture through implementation, optimization and deployment.

Key Contributions

- Analyze requirements, assess feasibility, and lead proofs of concept, effort estimation and delivery planning.
- Align technical solutions with cross-component teams and Solution Architects; review change requests with Business Analysts.
- Implement major changes, conduct developer testing, and track, triage and resolve production defects.
- Lead and mentor the portal development team while managing Managed Services (MS) issues.
- Analyze load-testing results to improve performance and platform reliability.
- Implemented cookie and API request signing to secure sessions and prevent tampering and replay attacks.

Projects

Self-Service Portal (e-commerce) · Ecare (dashboard management) · POS portal (shop representatives)

Tech Stack

Java 8+ · Angular 2 · Liferay 7.4.3 · Wildfly 23 · PostgreSQL

Software Developer — IBM India Pvt. Ltd.

Mar 2017 – May 2022

Client: Federal Public Service Finance, Belgium

Built and maintained enterprise Java applications for EMCS (Excise Movement Control System), serving a European government client. Delivered production features and resolved defects across web services, ORM frameworks, XML processing and relational databases.

Tech Stack

Core Java · JPA · Hibernate · JSP · JAX-WS/SOAP · RESTful API · Oracle WebLogic · Oracle · IBM DB2 · MongoDB · MySQL · SAX/STAX/DOM · Log4j · SOAP UI

🔧 R&D · INNOVATIONS · POCS

- **Single Sign-On:** Designed secure cross-platform authentication with token-based session management and MFA via phone/email OTP.
- **Universal Links:** Implemented Android and iOS deep linking to open the Rakuten mobile app with graceful browser fallback.
- **Content Management System PoC:** Unified management of email/SMS templates, localizations and carousels for web and mobile.

HACKATHONS & PROJECTS

- **WhatsApp E-commerce Onboarding Chatbot:** Automated registration, order processing and support through Meta Webhooks (Python, Django, ML profiling).
- **AI/ML Parking Allotment System:** Predicted real-time availability and delivered instant notifications to optimize allocation and reduce wait times.
- **Inventory Management System:** Built a JavaFX desktop application with barcode-based stock tracking, ordering and billing; re-engineering it in Flutter with Firebase synchronization.

PROFESSIONAL CERTIFICATION

Retrieval Augmented Generation (RAG) — DeepLearning.AI

Aug 2026

Completed a 26-hour course on combining information retrieval with generative AI to produce accurate, context-grounded responses. **Verified credential**

SKILLS

Languages/Frameworks: Java 8+, Spring Boot, Angular 2, TypeScript, JavaFX

Databases: PostgreSQL, Oracle, MongoDB, SQLite, MySQL, DB2

Messaging/DevOps: Kafka, RabbitMQ, Docker, Kubernetes

Styling: LESS / CSS

Learning: Django/Python, Flutter/Dart/Firebase, Flowise AI

Languages: English, Hindi

EDUCATION

Bachelor of Engineering (B.E.) — Electronics & Communication Engineering, Pondicherry University

2012 – 2016

Higher Secondary Education (Science) — GMSSS, Aberdeen, Port Blair

2010 – 2012