

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 platforms for global telecom and finance clients. Combines deep Java, Spring Boot and Angular expertise with RAG and generative AI to deliver intelligent, high-performance solutions from architecture and proofs of concept through optimization and production 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

🏗️ AI PROJECTS

IntelBot.ai — RAG-Powered Confluence Design Assistant

Built a Retrieval-Augmented Generation assistant that retrieves solution-design context from Confluence and provides grounded answers to engineering questions. Accelerates new-requirement analysis by identifying affected design areas and recommending updates to existing solution designs.

Retrieval-Augmented Generation · Confluence · Semantic Retrieval · Requirement Analysis · Design Impact Analysis

- **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 CERTIFICATIONS

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](#)

AI Prompting for Everyone — DeepLearning.AI Aug 2026

Completed a professional course in writing clear, structured prompts that produce reliable and useful generative AI outputs. [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