Shibashis Dey

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SUMMARY

Full Stack Software Engineer with 2+ years of experience building and supporting enterprise-grade, cloud-native applications in the banking and fintech domain. Strong expertise in Java, Spring Boot, RESTful microservices, and Angular, with hands-on experience in Kubernetes-based deployments, CI/CD pipelines, and Agile product development. Proven ability to debug complex distributed systems, collaborate cross-functionally, and deliver scalable, production-ready solutions.

Experience

Software Engineer, CGI – Bangalore   July 2023 – March 2025

- Designed and delivered scalable Java Spring Boot microservices for enterprise banking platforms, supporting high-volume payment processing and client-specific workflows in production environments.
- Owned end-to-end defect resolution across Angular UI, REST APIs, and backend services by performing deep root-cause analysis, reducing production incidents and improving system stability.
- Optimised exception handling and bug fixes, improving code quality and system stability.
- Worked within Kubernetes-based containerized environments and Jenkins CI/CD pipelines to deploy services, analyze logs, and troubleshoot distributed system issues in production.
- Wrote and optimised SQL queries to ensure data accuracy and troubleshoot inconsistencies.
- Created technical documentation covering API endpoints, system architecture, and troubleshooting steps.
- Collaborated in Agile development, participating in sprint planning, stand-ups, and retrospectives.
- Technologies Used: Java, Spring Boot, AngularJS, Kubernetes, Jenkins, SQL Developer, Postman, Sonar, CAST, and Copilot.

Intern, Highradius   Jan 2022 – April 2022

- Trained machine learning models to analyze and process business data.

Skills and Technologies

- **Programming Languages** Java (8+), Python.
- **DSA** Arrays, Strings, Linked List, Collections.
- **Backend Technologies:** Spring, Spring Boot, Spring Core, Spring MVC, Hibernate, RESTful API design, Microservices, Maven.
- **Frontend Frameworks:** AngularJS, ReactJS, HTML, CSS, JavaScript.
- **Databases:** MySQL, Oracle SQL, MongoDB, H2, PLSQL
- **DevOps Cloud:** AWS, Jenkins, Kubernetes, CI/CD pipelines, Git, GitLab.
- **Quality Tooling:** JSonarQube, CAST Imaging, Postman, Swagger.
- **Development Practices:** Agile, Scrum, Object-Oriented Design, Data Structures Algorithms.

Education

Kalinga Institute of Industrial Technology, B.tech : 8.21 CGPA

Personal Projects

Student Record management

Student Record Management System – Designed and implemented a Spring Boot-based RESTful application with in-memory H2 database and Swagger documentation, demonstrating clean API design and backend architecture.

- Tools Used: Springboot, H2 database, Swagger.

Mental health Councellor Booking website

- Tools Used: Springboot, mySQL, MongoDB, Angular

AI Enabled Fintech B2B Cloud Application.
AI-Enabled Fintech B2B Cloud Application – Built backend services using Python and Java Servlets with a ReactJS front-end to support data-driven financial workflows, gaining exposure to full-stack product development.

- Tools Used: Python, Java Servlet , ReactJS.
E-Commerce Website.

- Tools Used: HTML, CSS, Javascript.

Professional Projects

Client Projects at CGI – APS Banking (Full Stack Developer, Angular + Java)

- Worked on the APS (All Payment System) for banking clients like National Bank of Canada, Vantage Bank, and Lunar Bank. Developed Angular-based UI and integrated it with Java Spring Boot microservices. Handled core system changes, client-specific feature updates, bug fixing, and exception handling. Performed log analysis using Kubernetes, managed deployments via Jenkins, and verified backend data using SQLDeveloper. Collaborated in Agile teams to deliver high-quality, production-ready solutions on time.