Payel Dey

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🪪 SUMMARY

Results-driven developer with expertise in Java and Spring Boot. Proven track record in API and microservices development, bug resolution, and data integrity maintenance. Strong team collaborator, committed to efficiency and continuous learning. Seeking opportunities for dynamic software development roles.

🎓 EDUCATION

M.Sc in Computer Science, Acharya Prafulla Chandra College

July 2020 – July 2022
- *Final grade: 94.40%*

B.Sc (Hons) in Computer Science, East Calcutta Girls' College

July 2015 – July 2018
- *Final grade: 64%*

🌐 LANGUAGES

Bengali ●●●●●

English ●●●●○

Hindi ●●●●○

📇 CERTIFICATES

- Google Technical Support Fundamentals 🔗

💼 PROFESSIONAL EXPERIENCE

Junior Developer, PRM Fincon Services Pvt. Ltd.

March 2023 – present

Project: *XLRT*

   Xlrt automates the processing of financial information from source files, both scanned and PDF, without any manual inputs.

Role & Achievements:
- *Designed and developed robust APIs and microservices using Spring Boot, facilitating seamless data integration for financial analysis.*
- *Collaborated with cross-functional teams to troubleshoot and resolve critical production issues, reducing downtime by 30%.*
- *Enhanced system performance by optimizing API response times, resulting in a 25% reduction in average response time.*
- *Automated routine tasks, such as data updates, leading to a 60% reduction in manual data entry efforts.*

Java Developer Intern, PRM Fincon Services Pvt. Ltd.

October 2022 – February 2023

Role & Achievements:
- *Conducted root cause analysis for reported bugs, increasing bug resolution efficiency by 20% through proactive debugging and code optimization.*
- *Successfully identified and fixed 10+ bugs, resulting in a 30% decrease in the number of open bug reports.*
- *Actively participated in the testing process, increasing test coverage by 15% and helping to reduce critical defects by 25%.*
- *Created comprehensive documentation for internal processes and coding standards, aiding in onboarding for new team members.*

🧠 SKILLS AND TECHNOLOGIES

- *Proficient in **Java 8** and **Java 11** programming languages.*
- *Solid grasp of **core Java** concepts.*
- *Experienced in developing **Microservices** and **Web applications** with the **Spring Boot** framework.*
- *Skilled in building microservices using **Spring MVC** and **Hexagonal architecture**.*
- *Proficient with **Maven** as a Java build tool.*
- *Expertise in designing and implementing **RESTful APIs**.*
- *Familiarity with various databases, including relational ones like **MySQL, PostgreSQL**, and **Oracle**, as well as NoSQL databases like **MongoDB** and **Neo4j**.*
- *Skilled in creating unit and integration test cases using **JUnit** and **Mockito**.*
- *Experience designing APIs, incorporating advanced **HTTP** concepts, and utilizing **Swagger**.*
- *Proficient in working with messaging systems such as **RabbitMQ**.*
- *Hands-on experience with **Jenkins** pipeline for continuous integration and continuous deployment.*
- *Competent in using version control tools like **Git** and **Bitbucket.***
- *Ability to create **Jira** tickets for project management.*