Payel Dey

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🎓 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%

🧠 TECHNICAL SKILLS

Programming Languages ●●●●○
Java, Python, C

Frameworks ●●●●○
Spring, Hibernate

Web Technologies: ●●●●○
HTML, CSS, JavaScript, React

Databases: ●●●●○
MySQL, PostgreSQL, MongoDB

Version Control Tools: ●●●●○
Git, Bitbucket

🌐 LANGUAGES

Bengali ●●●●●
English ●●●●○
Hindi ●●●●○

💼 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.

📂 PERSONAL PROJECTS

Realtime Chat Application 🔗
Description: Crafted a real-time chat application for seamless communication and engagement.
Technologies used: Springboot, React.js, Websocket, CSS, HTML, Git

Student Management CRUD application 🔗
Description: Created a full-stack Student Management CRUD application, empowering seamless student data management and interaction.
Technologies Used: Springboot, MongoDB, React.js

Responsive Portfolio Website 🔗
Description: Created a personal portfolio website highlighting my web development and design skills, featuring a responsive, user-friendly interface.
Technologies Used: HTML, Tailwind CSS, React, JavaScript, Git, Netlify

🏅 CERTIFICATES

- Google Technical Support Fundamentals 🔗