Pradeep Maurya

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in pradeep-maurya-sde ○ pradeepmaurya55

Education

Bhagwan Mahavir College of Engineering and Technology, Surat *July 2016 – August 2020*
B.Tech in Computer Science and Engineering

Experience

Java Full Stack Developer - L2 *Apr 2024 – Sep 2024*
Mind Spark Technology, Pune, India

- Led the development and maintenance of web applications using **Spring Framework**, and **React** for a **financial products** distribution company, **improving** user experience and performance.
- Collaborated with the lead and project manager to integrate **RabbitMQ** for **SMS and Email** service module, ensuring reliable **message delivery**.
- Optimized the generation of client performance reports by **70%** by implementing **multithreading**, significantly improving **communication efficiency**.

Java Full Stack Developer - L2 *Apr 2024 – Sep 2024*
Mind Spark Technology, Pune, India

- Developed and maintained web applications using **Spring Framework** in the **financial domain**, contributing to overall application performance.
- Implemented **secure data access** with **Spring Security** and **Spring JDBC** to ensure robust application security.
- Optimized **stored procedures** for used reporting, **reducing report generation** time by up to **60%**.
- Used Java libraries such as **iText (PDF), Apache POI(Excel), JasperReport**.

Projects

6502 Emulator *C++*
- Built a **6502 CPU emulator** in **C++**, focusing on **object-oriented programming** (OOP) and **SOLID** principles.
- Designed the emulator using **low-level design (LLD) patterns** for modularity and scalability.
- Implemented instruction decoding, memory management, and CPU cycles handling.

Rick & Morty *React.js, Tailwind CSS*
- Developed a **frontend** to display characters from "Rick and Morty" using an API with **pagination** feature and episode viewing.

OTP Login *Node.js, MongoDB*
- Implemented email **OTP login** and registration with restrictions, including **expiration** and **user lockout** after failed attempts.

Skills

Languages: Java, JavaScript, C++

Databases: MySQL, MongoDB

Backend: Spring Framework (Spring MVC, Spring Boot, Spring Security), RabbitMQ, Node.js, Express

Frontend: React, Tailwind

ORM/ODM Tools: Spring Data JPA & MongoDB, Spring JDBC, Hibernate, Mongoose

Version Control: Git, GitHub

Achievements

Tech Fests
- Won **1st Prize** in Coding Event at Tech Fest Aayam 2019-2020
- **1st runner-up** in Coding Event at Tech Fest Aayam 2018-2019

DSA, Aptitude & Contests
- Secured **17th rank** among **3000+ participants** in Coding Contest on Codestudio
- Came in **Top 10%** among **30,000+ participants** in Contest on Codestudio
- TCS NQT: Scored **3137 out of 3600** with **90%** in Foundation, **83%** in Advanced, and **83%** in Programming with an aggregate of **87%**