DhineshKumar M

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TECHNICAL SKILLS

Technical Skills: Java (Core, Java 8), JDBC, JSP, Servlets, Spring Boot, Spring Security, Hibernate, JUnits, MySQL, Postman, HTML, CSS, JavaScript, Bootstrap, Tailwind css, React, AWS (EC2, S3, RDS), Docker.
CS Fundamentals: Data Structures & Algorithms (Intermediate), OOPS, Computer Network, Operating System.

EXPERIENCE

Full Stack Java Developer Intern   Sep. 2024 – Oct. 2024
NoviTech Research and Development   *Coimbatore, Tamil Nadu*
- Developed **QPAY**, a full-stack online banking application using Java, Stream API, JSP, Servlets, JDBC, MySQL, and Collections, implementing end-to-end features such as user authentication, account management, transactions, and complete CRUD operations.
- Applied **OOPS concepts**, **SOLID principles**, and the **DAO design pattern** to structured, and reusable code, making the application easier to extend, debug, and integrate across the frontend and database layers.

PROJECTS

Parking Lot System   *Java, JSP, JDBC, MySQL, Collections, Stream API, LLD*   *View*
- Built a full-stack **Parking Lot System** with JSP, Servlets, JDBC, and MySQL enabling vehicle entry/exit, dynamic slot allocation, ticketing, and admin controls for floor/slot management.
- Applied **OOPS**, **SOLID principles**, and **MVC/Adapter patterns**; leveraged Collections and Stream API for efficient slot allocation and maintainable code design.
- Tested critical scenarios (e.g., payment failures, lost tickets, slot mismatches) and prepared the system for future enhancements like multi-gateway payments and real-time monitoring.

Mobile Prepaid Recharge Application   *Spring Boot, JPA, MySQL, Stream API, LLD, JSP*   *View*
- Developed a full-stack **Mobile Prepaid Recharge Platform** supporting user registration, authentication, mobile number validation, plan browsing, secure payments, and recharge scheduling.
- Implemented **OOP design, SOLID principles**, and **DAO patterns** with Spring Boot and Hibernate; optimized logic using Collections & Stream API for scalability and maintainability.
- Integrated **payment gateway support** (Razorpay), transaction history, and admin portal features for plan management, reports, and user controls; containerized deployment with **Docker**.

CERTIFICATES

Full Stack Developer Certification *Novi Tech R&D*   *View*
Learned frontend, backend, and database technologies including HTML, CSS, JavaScript, React, Java, and MySQL.

AWS Cloud Computing Certification *Quazio*   *View*
Gained practical knowledge of AWS services like S3, RDS, and EC2 through hands-on training.

ACHIEVEMENTS & LEADERSHIP

Academic Excellence: Secured **1st Rank in School** in Grades 11 & 12; consistently served as **Class Leader (Grades 1–12)** and elected as **School Pupil Leader** in Grade 12.

Executive Roles: Executive Member at **Scientel Association**, **Top Performer** in **Synergy Squad 3.0**, and active contributor at the **Mobile & Web Development Club**.

Problem-Solving Milestones: Solved **1000+ coding problems** across platforms including **LeetCode** & **GeeksforGeeks**; achieved a **200 Days of Code** streak on LeetCode with **400+ DSA problems**.

GitHub & Competitive Programming: Maintaining a **1.5+ year GitHub streak** and a **1-year LeetCode streak**, showcasing consistent coding practice & project contributions.

Project Development: Built **25+ application logics**, **10+ full-stack projects**, and **20+ console-based applications** using **Spring Boot, MySQL, Postman, and REST APIs**, applying industry-standard practices.

LinkedIn Learning Challenge: Successfully completed **100 Days of Full Stack Java Development**, gaining hands-on expertise in backend development and API implementation.

EDUCATION

Knowledge Institute of Technology   Salem, Tamil Nadu
Bachelor of Engineering in Computer Science   ***CGPA: 8.7/10***   *Sept. 2023 – May 2027*