

DhineshKumar M

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TECHNICAL SKILLS

Backend & DB: Core Java, JDBC, Java Servlets, JSP, Spring Boot, Spring Security, Hibernate, SQL (MySQL)

Web & Tools: HTML, CSS, JavaScript, Bootstrap, GitHub, Docker, AWS (S3, EC2, RDS)

Developer Tools: IntelliJ, Eclipse, VS Code, MySQL Workbench, JUnit

CS Fundamentals: DSA, OOPS, System Design (LLD), Operating Systems, Computer Networks

EXPERIENCE

Full Stack Web Developer Intern

Sep. 2024 – Oct. 2024

NoviTech Research and Development

Coimbatore, Tamil Nadu

- Built and deployed a full-stack banking application using Java EE (JSP/Servlets), JDBC, HTML, CSS, Bootstrap, and JavaScript, implementing complete CRUD operations with a structured and modular codebase.
- Implemented the **DAO design pattern**, applied **OOPS principles**, and followed **SOLID design principles** to build scalable and maintainable backend logic aligned with modern system design standards.

PROJECTS

LinkLytics *Spring Boot, Spring Security, MySQL, System Design(LLD), Docker, AWS, OOPS* [Explore My Project](#)

- Developed a full-stack URL shortener platform using **Spring Boot (REST APIs)**, enabling users to create, manage, and analyze short links with integrated tracking and analytics.
- Applied **System Design (LLD)** concepts like the **Single Responsibility Principle**, followed the **MVC architecture**, and wrote modular, maintainable code using **OOPS best practices**. Integrated **Hibernate, JPA**, and **MySQL** for efficient ORM and relational mapping.
- Implemented secure authentication using **Spring Security, JWT**, and **OAuth**. Optimized long-to-short URL generation using **DSA-Algorithm hashing**, and deployed the application with **Docker**, hosted on **Docker Hub**.

Fab Food *Java Servlets, JDBC, JSP, MySQL, HTML, CSS, System Design, DSA, OOPS* [Explore My Project](#)

- Built a dynamic food delivery web application using **Java Servlets, JSP, JDBC**, and **MySQL**, allowing users to browse, search, and order food through a structured and interactive UI.
- Implemented **System Design** principles like the **Open-Closed** and **Liskov Substitution Principles**, and followed the **DAO design pattern** with strong adherence to **OOPS concepts** for clean and maintainable code architecture.
- Applied **DSA techniques** such as **Binary Search** for efficient querying of users and food items, and used **Collections, Exception Handling**, and optimized **SQL queries** using **JOINS, WHERE**, and **ORDER BY** clauses for Efficient performance.

CERTIFICATES

Full Stack Developer Certification *Novi Tech R&D*

[Explore Certificate](#)

Learned frontend, backend, and database technologies including HTML, CSS, JavaScript, React, Java, and MySQL.

AWS Cloud Computing Certification *Quazio*

[Explore Certificate](#)

Gained practical knowledge of AWS services like S3, RDS, and EC2 through hands-on training.

ACHIEVEMENTS

Academic Excellence: Achieved **1st Rank** in both 11th and 12th grade, demonstrating consistent academic performance and dedication.

LinkedIn Learning Challenge: Successfully completed the **100 Days Full Stack Java Developer** challenge, documenting daily learning progress and practical implementations.

LeetCode Milestone: Completed the **200 Days of Code** challenge and solved over **400+ DSA problems**, strengthening algorithmic thinking and problem-solving skills.

Hands-on Project Development: Designed and deployed **10+ full-stack projects**, applying real-world technologies like Spring Boot, React, MySQL, and REST APIs to build scalable applications.

EDUCATION

Knowledge Institute of Technology

Salem, Tamil Nadu

Bachelor of Engineering in Computer Science **CGPA: 8.7/10**

Sept. 2023 – May 2027