DINESH.M

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Executive Summary

Detail-oriented Engineering Graduate with a strong foundation in back-end software development (Java/Node.js, MySQL). Proven success in building, deploying, and maintaining high-scale applications throughout the SDLC. Expert in diagnostics, troubleshooting, and rapidly resolving production issues to ensure robust system reliability and optimal performance across all technical environments.

Education

Loyola Institute of Technology, Chennai, B.E. in Computer Science   Oct 2021 – June 2025

- CGPA: 7.8

Experience

Software Development Intern (Full Stack), Pan Tech – Chennai   Aug 2024 – Sep 2024

- Worked on both front- and back-end development tasks for web applications.
- Assisted in building and updating web pages using HTML, CSS, JavaScript, and Node.js.
- Supported the development team in integrating front-end features with back-end APIs.

Backend Developer Intern, Seval Software Solutions – Chennai   Oct 2024 – Nov 2024

- Helped debug and optimize server-side code to improve response times.
- Wrote simple SQL queries for data retrieval and small updates.
- Created and tested RESTful APIs using Python Flask and PostgreSQL under supervision.
- Assisted team members in basic integration testing and documentation tasks.

Projects

Versel – MERN Stack Project

- Designed a microservices-based architecture with **Upload**, **Deploy**, and **Request Handler** services.
- Implemented **AWS S3 integration** for project uploads and automated React build deployment via **Redis queues**.
- Improved deployment efficiency by 30% through optimized back-end processes.

Student Management System using JDBC and Java

- Developed a **Java-based Student Management System** using **JDBC** for database connectivity and **MySQL** for persistent storage.
- Enhanced database performance by streamlining SQL queries.
- Applied **Object-Oriented Programming (OOP)** principles like encapsulation and abstraction to create modular and maintainable code.

Technologies

Languages & Frameworks: TypeScript, JavaScript, Java

Backend: Node.js, Express.js, REST APIs, MySQL

Core Competencies: Debugging, Troubleshooting, Root Cause Analysis, Log Analysis, System Optimization, API Testing, Agile Methodology