Deepesh P

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CAREER OBJECTIVE

Aspiring Software Developer with a strong foundation in **Data Structures and Algorithms (DSA)** using **Java**, currently focused on building expertise in **backend development** with Spring Boot and MySQL. Passionate about solving real-world problems through code, with hands-on experience from hackathons, internships, and projects like a **Student Management System**. Recognized for a continuous learning mindset, strong problem-solving skills, and collaborative approach. Actively engaged in the tech community with a **LinkedIn** network of **3500+ connections**, sharing projects, insights, and learning experiences. Excited to apply and grow as a software developer in dynamic, innovative environments.

SKILLS

- **Programming Languages:** Java(core), Python, DSA (Data Structures and Algorithms): Problem-solving and algorithm optimization using Java.
- **Backend Development:** Spring Boot, RESTful APIs, SDLC.
- **Frontend Development:** HTML, CSS, JavaScript (Basics).
- **Software:** IntelliJ IDEA, MySQL Workbench, Postman, StarUML, Microsoft Office, Git/Github, Visual Studio, Fusion 360.
- **Database:** MySql(CRUD, Joins, Queries)
- **Others:** Collaborative team player, Open to Feedback and Continuous Improvement. Interpersonal, Time Management, Problem-Solving, Critical Thinking, Adaptability, Eagerness to Learn

PROFESSIONAL EXPERIENCE

Intern, Java-based Android Development – Arjun Vision - NSIC   June 2024 – july 2024
- Gained hands-on experience in Android development using JAVA, contributing to basic mobile app projects and enhancing my understanding of mobile development practices.
- Developed technical skills in app creation, learning the fundamentals of Android UI/UX design and functionality.

PROJECTS

Dynamic Recipe Search API | *Java, Spring Boot, MySQL, Postman*
- Built a backend API system that parses structured recipe data from a JSON file and stores it in a MySQL database using Spring Boot and JPA.
- Implemented dynamic search and filter APIs flexible query parameters (e.g., title, cuisine, calories, rating, time) using JPA Specifications with operators like $>$, $<$, $>=$, $<=$, and accurate full-text matching.
- Tested and validated all endpoints using a REST client (Postman), ensuring reliable API responses and precise query results.

To-Do Application | *Java, Spring Boot, HTML, CSS, MySQL*
- Built a full-stack To-Do application using Spring Boot for backend development, with MySQL for task data storage and management.
- Implemented CRUD operations to manage tasks, with features for adding, editing, deleting, and marking tasks as complete.
- Designed a responsive UI using HTML, CSS, and JavaScript, with a calendar feature for task scheduling and real-time feedback using toaster notifications.

EDUCATION

Undergraduate

Saveetha Engineering College   Nov 2022 – May 2026
Degree: B.Tech
Stream: Information Technology
- **CGPA:** 7.9/10(Till 5th Semester)

Higher Secondary

St Vincent Matriculation Higher Secondary School   Jun 2021 – May 2022
Qualification: Higher Secondary Certificate (HSC)
- **Percentage:** 88

Higher Secondary

St Vincent Matriculation Higher Secondary School   Jun 2019 – May 2020
Qualification: Secondary School Leaving Certificate (SSLC)
- **Percentage:** 80.2

ACHIEVEMENTS

- **2nd Place Winner – RIDDLE SQL Competition at Saveetha Engineering College 2023:** Secured 2nd place in the "**RIDDLE SQL**" competition at an inter-college event hosted by Saveetha Engineering College, showcasing expertise in SQL problem-solving and database management skills.
- **DSA Skill Development – 400+ LeetCode Problems Solved:** Strengthened problem-solving skills by solving over 400 challenges on LeetCode, focusing on key topics like Arrays, Strings, Linked Lists, Trees, Dynamic Programming, DFS, BFS
- Led the college throwball team to **1st place** in multiple inter-college tournaments, including the **YMCA Buck Ball Tournament (2023, 2024)** and two other tournaments (names not recalled), along with achieving **2nd place** in the **Independence Day Tournament 2023** and **3rd place** in **2024**.

CERTIFICATIONS

- **IBM Java Developer -** – Coursera (In Progress)
- **Microsoft Office -** Word, Excel, PowerPoint
- **NPTEL -** Introduction to Industry 4.0 and Industrial Internet of Things
- **Microsoft AWS -** Cloud Practitioner
- **MongoDB -** Introduction to MongoDB for Students

Languages

- **English:** Fluent
- **Telugu:** Native
- **Tamil:** Fluent