DASARI VAMSI

Java Developer | +91 9346135169 | dasarivamsi23@gmail.com | Leetcode | LinkedIn | Portfolio

PROFESSIONAL SUMMARY

Software Engineer with 2+ years of hands-on experience in developing scalable full-stack applications using Java, Spring Boot, JavaScript, and PL/SQL. Currently contributing to a BFSI insurance project, with a strong focus on microservices architecture, RESTful APIs, and backend performance optimization. Proficient in debugging complex issues, improving system efficiency, and delivering production-ready code.

EDUCATION

BHIMAVARAM INSTITUTE OF ENGINEERING AND TECHNOLOGY 2020 - 2023
B.TECH, COMPUTER SCIENCE AND ENGINEERING
- **Coursework:** Object-Oriented Programming (OOPs), Database Management System (DBMS), Operating Systems, Data Structures and Algorithms (DSA), Design and Analysis of Algorithms, Software Development and Programming

WORK EXPERIENCE

TATA CONSULTANCY SERVICES Sep 2023 - Present
Software Engineer
- Contributing to the development and enhancement of the *Agency & Reinsurance* module in a BFSI-based insurance application, leveraging Java, Spring Boot, and Oracle SQL.
- Collaborating closely with cross-functional teams and clients to resolve complex functional queries and deliver over 10+ new features ahead of deadlines.
- Designing and integrating RESTful APIs to streamline data flow between core systems and agency & reinsurance components, ensuring robust backend communication.
- Conducting in-depth code reviews and debugging sessions to resolve 90% of reported issues, significantly lowering the bug reopen rate to under 15%.
- Optimizing PL/SQL queries and backend logic, resulting in a 25% faster report generation and a 30% boost in batch job performance. Working in an Agile environment with frequent deployments, ensuring seamless integration and thorough unit/system testing of every release.

PROJECTS

AUTOMATED STUDENT REVIEW SYSTEM USING COMPUTER VISION AND CNN | Link
- Developed an **Automated Student Review System** with a **React.js frontend** and a **Flask backend**, utilizing **Python, OpenCV, and TensorFlow (CNN)** to analyze student behavior through computer vision and deliver real-time performance evaluations.

ONLINE RESUME BUILDER | Link
- Developed a dynamic **Online Resume Builder** application with a **React.js frontend** and a **Java Spring Boot backend**, integrating **MySQL**, and **REST APIs** to enable users to create, edit, and download professional resumes with real-time preview and data persistence.

SKILLS & ABILITIES

- **Languages**: Java (Object-Oriented Programming), HTML, CSS, JavaScript, PL/SQL, SQL
- **Frameworks**: React, Spring Boot, JDBC
- **Technologies**: REST API, Git.
- **Other Skills**: Data Structures & Algorithms, SDLC

ACHIEVEMENTS & CERTIFICATIONS

- Completed a **Java Full Stack Development** training at **QSpiders/JSpiders** (May 2023 – August 2023), gaining hands-on experience in **Java, Spring Boot, JDBC, JSP, HTML, CSS, JavaScript**, and **SQL**, with a focus on building end-to-end web applications.
- Completed an **Android App Development** internship with **Immensphere, Verzeo**, gaining practical experience in building mobile applications using **Java, XML, Android Studio**, and integrating **REST APIs** for real-world functionality.
- Completed a **Python programming course** on **CodeTantra**, building a strong foundation in **core Python concepts**.