ABILASH SHANKARPALLI

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PROFESSIONAL SUMMARY

Currently, I am working as a Software Engineer at Toshiba Software India Private Limited. Before this, I worked at Infosys. I have 2.10 years of experience in developing and maintaining Java-based applications. My expertise lies in Java, Spring Boot, Microservices, and MySQL, and strong problem-solving skills with a focus on Data Structures and Algorithms (DSA).

SKILLS

- **Java programming**
- **Java 8**
- **Spring Boot**
- **Spring MVC**
- **Spring data JPA**
- **MySQL**
- **Hibernate**
- JpaRepository
- **Git/Gitlab/SVN**
- **Micro services** Architecture

- **Object-oriented programming**
- Collection framework
- **Streams API**
- Lambda Expressions
- Inversion of control (IOC)
- Hibernate - caching
- JDK/JRE/JVM
- **ReactJS**
- CI/CD Jenkins
- Unit Testing

- Exception handling
- Memory management
- **Multi-threading**
- **Data Structures And Algorithms**
- JIRA ticket management
- Hibernate Key Objects
- CrudRespository
- Generics
- Cloud Technologies (**AWS S3**)

WORK EXPERIENCE

Software Engineer
Toshiba Software (India) Pvt. Ltd.   *September 2023 - Present*

→ Wrote and managed efficient and reusable code in Java 8 using different features like **Streams API**, lambda expressions, and functional interfaces, and also made sure it worked smoothly with User Stories.

→ successfully resolved multiple defects in **Java**, employing solutions that incorporated multi-threading, **OOP** (Object-Oriented Programming) concepts, Collections, and **Exception handling.**

→ Creating **Rest API** from scratch and Designing and developing back-end Components.

→ Wrote queries and retrieved data from databases **using Spring Data JPA** and **Hibernate**, an Object-Relational Mapping (ORM) tool.

→ Incorporated **Docker** in my project to set up project images and utilized them for testing the application, Utilized SVN/Git for source control in project development, and **GitLab** for real-time collaboration.

→ Implementation of a feature called 'Data Lake,' managing the seamless transfer of data between tables. Designed and developed REST APIs for efficient data processing.

→ Developed JavaScript code to initiate the transfer of data from Mongo DB cluster to AWS S3.

→ actively engaged in planning sessions, providing design options, work breakdowns, and estimations, while emphasizing quality through thorough testing and peer reviews to meet software requirements.

Software Engineer
Infosys Limited   *May 2021 - September 2023*

→ Gained hands-on expertise in Java, Spring, Spring Boot, and Microservices.

→ Contributed specialized expertise to the Cisco Prime Collaboration Deployment project, adeptly resolving frontend and backend issues to optimize overall functionality.

→ Worked as a Backend Developer, debugging the issues and Routing the **API** based on Order Orchestration.

→ Wrote backend code, making, and changing **JPQL** queries in **DAO** of spring boot application for retrieval of correct data from the **MySQL** database for UI screen.

→ Led rigorous technical root cause analyses via **JIRA** tickets, orchestrating the setup of **CI/CD** pipelines using **Jenkins**, actively engaging in code reviews to elevate overall quality and drive continuous enhancement initiatives.

ACHIEVEMENTS

PROBLEM SOLVING: Solved over 300+ problems on Leetcode and GFG.

INSTA AWARD:
- Recognized three times for proactivity and quick learning within the team.
- Praised for excellent client interactions and effective issue resolution.

MVP AWARD:
- Recognized as the Most Valuable Player (MVP) for a month, I was acknowledged for delivering prompt and effective solutions during the project release.

CERTIFICATIONS

Data Structures and Algorithms
Udemy

Full Stack Web Development
Udemy

EDUCATION

Bachelor of Engineering in Electronics & Communication
RYMEC (Visvesvaraya Technological University)   *2016 - 2020*