

# TANISHA GARG

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tanishaga

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## EXPERIENCE

### Compucom Software Limited

#### Software Engineer

February '22 – Present

- In my role as a Software Engineer, I leveraged my expertise in backend development, focusing on Java, SpringBoot, and SQL, to ensure smooth operation and functionality.
- Managed all the low level designs and backend changes for BWD over 10M users.
- Orchestrated the development of Java Services for Hexwave, optimizing automatic threat detection.
- Engaged in several code fixes and script optimizations, resulting in a remarkable performance improvement of up to 70%.

**Skills:** SQL, Java, SpringBoot, SonarQube, Bit-bucket, Git, Jenkins, Grafana, Prometheus, Docker, JSP, JWT, Junit testing, Prometheus, GCP

### Sensegrass

#### Software Engineering Intern

April '20 – June '20

- Designed and upgraded web solutions for the leading farming company.

**Skills:** Html5 ,CSS3 ,Bootstrap ,Javascript, Php

## KEY PROJECTS

### Customer Relationship Management

- Developed a web-based Microservice which basically operate CRUD operations on Customers data.
- Created robust REST APIs to facilitate seamless registration of candidates, update customer details, and delete customer data, providing a user-friendly and efficient interface.
- Implemented comprehensive logging mechanisms and exception handling mechanisms to gracefully handle errors and exceptions.

### Best Work Data

BWD is robust Training-on-the-Job (TOJ) program to accelerate team skill development.

- Developed a robust and secure REST API with JWT token authentication, ensuring data integrity and user privacy. Achieved optimal performance through proper handling of authentication processes and exceptions.
- Implemented user authorization mechanisms in APIs based on their respective roles, ensuring that only authorized users could access specific resources and functionalities within the application.
- Implemented email verification and validation notification functionality using SMTP server and application passwords security in google account. Ensured robust security measures while facilitating seamless communication for user verification processes.

### LIBERTY DEFENCE - HEXWAVE(Security Detection)

HEXWAVE provides Automatic Threat Detection to screen for all types of weapons and other threats using 3D imaging and AI for enhanced security.

- Developed Authentication API for generating tokens to validate users, an API for notifying connected devices about threats on security gates, and API-based reporting functionality to generate reports on various time intervals.
- Created comprehensive JUnit test suites to ensure the quality and reliability of software applications.
- Built multiple services dashboards on Grafana using Loki, including Docker container's metrics configuration using Prometheus.

## EDUCATION

### Btech, Computer Science Engineering

#### CIITM, Jaipur

2017 – 2021

Percentage : 70%

### RBSE Board: XII

#### LBS Public School, Jaipur

2016 – 2017

Percentage : 76%

### RBSE Board: X

#### ABM Public School, Jaipur

2014 – 2015

Percentage : 78%

## TECHNICAL SKILLS

### Languages and Frameworks

Java, SpringBoot, Micro-Services, JPA, Rest APIs, Spring AI, Spring Cloud, SQL, PostgreSQL, Junit testing, JSP, JWT, Git, Docker, Bit-bucket, Jenkins, SonarQube, Swagger, Postman, Grafana, Prometheus, BigDataS-tack configuration, C++, C

### Skills and Courses

Data structure and Algorithm, DBMS, Operating System, OOPS