

# SANDESH GHATE

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## Professional Summary

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Software Engineer with 3+ years of experience in building, optimizing, and maintaining scalable software applications using Java and RESTful APIs. Proficient in Java, SQL, REST APIs, and web development, with a solid foundation in object-oriented programming (OOP).

## Technical Skills

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**Languages & Databases:** Java, REST APIs, SQL, PostgreSQL, HTML, CSS

**Technologies & Tools:** Spring Boot, Hibernate, Maven, Git, JUnit, Microservices, Docker, JSON

## Experience/Projects

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### Amdocs

September 2021 – Present

#### Software Engineer

Pune, India

- Developed and maintained scalable **REST APIs** for billing services using **Java Spring Boot**, improving system response times by **20%** and ensuring reliability.
- Engineered a refund system, reducing transaction handling time from 5 days to 1 day by collaborating closely with product managers and **cross-functional teams**.
- Led the upgrade of encryption algorithms from **VOLTAGE** to **zProtect**, strengthening user data security and ensuring alignment with regulatory standards.
- Optimized **backend services** for the BLC project, improving data retrieval by **40%** through efficient use of Java-based architectures.
- Developed microservices architecture using **Spring Boot**, improving scalability and reducing resource utilization by **20%**.
- Executed **revenue report generation** via APIs for E911 calls, improving tax computation accuracy and enhancing backend database efficiency by **30%**.
- Improved **SSN validation filters** in APIs, increasing data accuracy and security by **25%** while addressing operational issues with **DevOps** and **operations teams**.
- Collaborated on the integration of **US Safe Connections Act** features, ensuring compliance and maintaining privacy through seamless front-end and back-end integration.
- Performed detailed **code reviews** and optimized SQL queries, resulting in a **20% performance** improvement.

## Personal Projects

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### Quiz App Using Microservices

- Designed a microservices-based quiz application using **Java Spring Boot** and **PostgreSQL**, enhancing modularity and scalability to support thousands of concurrent users.
- Integrated **RESTful APIs** for efficient management of questions, quizzes, and scoring.

### Library Management System

- Developed a web application to manage library operations using **Java Spring Boot** and **PostgreSQL**.
- Implemented **CRUD** operations for books and author data, enhancing efficient data management and user interaction.

## Education

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### MMCOE, SPPU

Aug 2017 – July 2021

B.E Electronics and Telecommunications Engineering, 7.49/10 CGPA

Pune, Maharashtra

## Award and Certificates

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- Java Spring Framework 6 with Spring Boot 3 - Udemy
- ChatGPT Complete Guide - Udemy