

# Sunny Goswami

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## Work Experience

### HSBC Software Development (India) Private Limited

August 2022 - July 2024

Software Engineer, Pune, Maharashtra, India

- Developed features using **Java 8, Spring Boot, and Spring Security, Lua Plugins for Kong API Gateway**
- Engineered **Jenkins pipelines** with Groovy, automating manual deployment reducing release activity duration
- Authored shell scripts for automating service availability checks, cutting manual monitoring time by 80%
- Administered application servers on **AWS EC2** and in **AWS Elastic Kubernetes Service (EKS) clusters**
- Provided support for critical production incidents, **resolving more than 150 customer incidents** successfully
- Upgraded more than **50 sensitive servers** with **0 downtime and 100% success**, ensuring uninterrupted service for atleast **400,000 users**
- Experienced in implementing multiple deployment strategies, including **blue/green and canary deployment**

## Skills

**Programming Languages** : Core Java, Java 8 / J2EE, JavaScript, SQL  
**Frameworks** : Spring Framework, Spring Boot, Spring MVC, Microservices, Java Persistence API (JPA), Spring Security, JDBC, UI Framework such as React/React.js, Redux, Context API, REST APIs, Axios  
**Databases** : Relational Databases, MySQL, PostgreSQL  
**DevOps/CI/CD** : Docker, Kubernetes, Version Control tools such as Git, GitHub, Build Tools such as Maven, AWS Cloud (EC2, S3, EKS, VPC), Jenkins, Linux/Unix  
**Concepts** : Object-Oriented Programming (OOPs), JWT Authentication, Problem-solving, Agile methodologies, data structures, design patterns

## Education

Graphic Era Deemed To Be University, Dehradun

July 2018 - July 2022

- Bachelor's in Technology (B.Tech), Computer Science | **CGPA: 8.95**

## Projects

### Suitenest - Hotel Booking Application | [Project Link](#)

Description: Web application allowing user authentication, role-based access for booking rooms as user, and admin capabilities for managing rooms and users.

Used: **Spring Boot, Spring Security, Rest API, React, Redux, Axios, Git, Docker**

- Implemented comprehensive booking management, user authentication, and authorization using **Spring Boot and Spring Security**
- Ensured seamless operation and secure access control with **REST APIs, and Docker** for containerization
- Leveraged **Spring Data JPA with PostgreSQL** to enhance data retrieval efficiency and maintain data integrity, optimizing database interactions
- Employed **React's** component-based architecture along with **Redux and Axios** to build a scalable and maintainable frontend

### Secure Messaging System

Description: A chat application that allows users to interact in real time

Used: **Spring boot, Spring Security, MySQL, Spring data JPA, React / React.js, Axios, JWT, Websocket**

- Engineered a secure messaging system in **Java** and **Spring Boot**, using **Spring Security** and **JWT** to manage unauthorized access and ensure robust data protection.
- Designed and optimized database schemas and queries using **Spring Data JPA with PostgreSQL**
- Implemented real-time communication features with **WebSocket** and **Axios**, and integrated them into a **ReactJS** frontend, resulting in a highly responsive and interactive user interface