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), Hibernate, Spring Security, JDBC, Servlets, UI Framework such as React/React.js, Redux, Context API, REST APIs, API Gateway, Axios, Message broker such as Kafka, Maven**
Unit Testing	: **JUnit, Mockito**
Databases	: **Relational Databases, MySQL, PostgreSQL, Redis Cache**
DevOps/CI/CD	: **Docker, Kubernetes, Version Control tools such as Git, GitHub, Build Tools such as Maven, AWS Cloud (ECS, S3, VPC, EKS), 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