



Sovon Singha

Software Engineer

Fullstack Developer | Building Scalable Apps with java, Spring Boot, AWS

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WORK EXPERIENCE

Software Engineer

Cognizant

11/2022 - Present

Kolkata

Achievements/Tasks

- Full-stack Java Developer for a **Property Management System for Marriott International Hotels and Resorts**, delivering end-to-end software solutions to support hotel operations and enhance user experience.
- Utilized **Java** and **Spring Boot** to implement robust, scalable solutions for critical hotel management systems, improving system performance and stability.
- Integrated **Apache Kafka** for building scalable, real-time data pipelines, ensuring smooth data communication between microservices.
- Developed and deployed cloud-native applications on **AWS**, leveraging services like EC2, Lambda, SQS and RDS for enhanced scalability and fault tolerance.
- Performing **Defect Fixing, Enhancement** and Building new Feature for LightSpeed application.
- Worked on Developing and implementing the Digital Auto Check-In feature for LightSpeed (Property Management System)**, enabling seamless guest check-ins by automating the process at the time of arrival and issuing mobile keys.
- Conducted functional and unit testing** for bug fixes and enhancements in collaboration with the QA team, ensuring high-quality releases to prod.

Programmer Analyst

Cognizant

11/2020 - 11/2022

Kolkata

Achievements/Tasks

- Developed responsive front-end pages for the Property Management application using **HTML, CSS, and JavaScript** to enhance user accessibility across devices.
- Contributed to the **Digital Mobile Key enhancement**, enabling users to unlock doors with their phones, providing a contactless experience that supported health and safety measures during the COVID-19 pandemic.

EDUCATION

B.Tech

Dr. B. C. Roy Engineering College

08/2016 - 04/2020

Durgapur, West Bengal

Courses

- Information Technology

SKILLS

Java

Spring Boot

Spring Data Jpa

REST API

Spring MVC

Spring Cloud

Microservices

Kafka

AWS

HTML

CSS

Javascript

JSP

Spring Security

API Gateway

SQL

Docker

PROJECTS

StayEase - Property management System (08/2024 - 11/2024)

- Developed a **Property Management System (PMS)** to streamline and automate the management of guest reservations, rooms, and rate plans for hotels or rental properties. The application follows a **microservice-based architecture** to ensure scalability, flexibility, and fault tolerance
- Technologies Used**: *Backend*: **Java, Spring Boot, Spring Cloud** (for distributed architecture), *Frontend*: Thymeleaf, HTML, CSS *Middleware*: **Apache Kafka** for event-driven communication, *Database*: **Amazon RDS** (MySQL) *Hosting*: Deployed microservices on **AWS Elastic Beanstalk** for scalability, *Monitoring and Logging*: Integrated AWS CloudWatch for application monitoring and log aggregation

CERTIFICATION

AWS Certified Cloud Practitioner (06/2024 - 06/2027)

LANGUAGES

English

Full Professional Proficiency

Bengali

Full Professional Proficiency

Hindi

Limited Working Proficiency

INTERESTS

coding

gaming

drawing