

Anish Singla

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TECHNICAL SKILLS

Languages: C++, Java, Go lang, JavaScript/HTML/CSS

Databases: Couchbase (NoSQL), PostgreSQL / MySQL (SQL)

Frameworks: Tailwind, Node / Express, Google Test

Developer Tools: Azure, Git, Docker, Kubernetes, Openshift, Prometheus, Grafana, Kafka

SUMMARY

Software Developer with over **4 years** of experience in building and maintaining **backend systems**. Skilled in **C++, Go, Java, and databases**, with a strong focus on designing scalable solutions and optimizing system performance. I thrive on solving complex problems, contributing to robust architectures, and continuously improving system reliability. My goal is to grow as a versatile engineer capable of tackling challenges across technologies and domains.

EXPERIENCE

Software Development Engineer 2

Aug 2020 – Present

Amadeus IT Group

Bangalore, India

- * Worked on the **Core Reservation Team** in the **ACRS** product, managing reservation systems for some of the biggest **hotel chains** around the world.
- * Designed and developed a scalable **Backend** for group booking functionality, enabling major hotel chains to manage large-scale reservations efficiently.
- * Achieved an average API response time of **80ms**, outperforming the **350ms SLA** by **40%** while handling up to 6,000 transactions per second.
- * Built a real-time monitoring system using **Grafana** and **Prometheus** to track API performance, system health, and storage metrics, improving operational visibility. .
- * Created an internal testing tool with **Java** and **Spring Boot** to automate regression tests, streamline API investigations, and support UI-based API interactions.
- * Led EPICs within the **SAFe framework**, collaborating with stakeholders to design solutions, draft high-level design (HLD) documents, and deliver key features.
- * Supported a large-scale customer onboarding project, migrating approximately **1.5 million reservations** across **15 properties** over two months, ensuring seamless integration with the ACRS product.
- * Delivered **critical production support** post-onboarding, swiftly resolving high-severity issues within strict SLAs using a Python-based investigation and patching toolkit, minimizing downtime and maintaining system reliability.

EDUCATION

Punjab Engineering College

Chandigarh, India

Bachelor of Technology in Electronics and Communication(8.1 CGPA)

May. 2016 – May 2020

CERTIFICATION

Microsoft Certified Azure Fundamentals AZ900