

# Siddharth Bhatnagar

siddharthxone@gmail.com | +91-8279944052

## EDUCATION

### MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY

B.TECH IN ECE  
CGPA: 8.8 / 10  
2018-2022

### ST. CONRAD'S INTER COLLEGE

ISC BOARD (CLASS XII)  
PERCENTAGE: 90%  
2017

### ICSE BOARD (CLASS X)

PERCENTAGE: 94%  
2015

## LINKS

Github:// [siddharth-bhatnagar](#)  
LinkedIn:// [siddharth-bhatnagar](#)  
Leetcode:// [siddharth-bhatnagar](#)  
Portfolio: // [siddharth-bhatnagar](#)

## COURSEWORK

### UNDERGRADUATE

Data Structures & Algorithms  
Object-Oriented Programming  
Operating System  
Database Management System  
Computer Networks

### OPEN SOURCE & TRAININGS

Contributed to **Tesseract Coding**  
Contributed to **Neo Algo**  
Android App Development  
Complete Web Developer Bootcamp

## SKILLS

### PROGRAMMING

#### EXPERIENCED:

- Java
- Git
- JavaScript

#### INTERMEDIATE:

- AWS • CI/CD • Kafka • TiDB
- React • Redux • MongoDB
- PostgreSQL • DynamoDB
- Elasticsearch • Spring Boot

#### FAMILIAR:

- Docker
- Kubernetes

## EXPERIENCE

### BRANE | SOFTWARE ENGINEER (ASL)

April 2023 - Present | Bangalore | Platform Team

- Collaborated within a 4-member team to develop the **Mapper Engine**, facilitating efficient data transformations from source to output models.
- Integrated the Mapper Engine with internal adapters, enabling seamless data mapping from external systems to our models.
- Engineered a utility for serializing/deserializing mapping configurations, optimizing storage and retrieval in MongoDB for improved efficiency.
- **Enhanced the Mapper Engine** by implementing support for **if-then-else expressions**, improving its functionality.
- Utilized **Kafka Streams API** to develop a **real-time analytics** application for data aggregation and trend visualization.
- Integrated the analytics application with **Elasticsearch** for advanced data visualization capabilities using **Kibana**.
- Successfully resolved **50+** tickets during on-call duties, ensuring uninterrupted system operations and stability.

### AMAZON | SYSTEM DEVELOPMENT ENGINEER 1

July 2022 - March 2023 | Bangalore | Selling Partner FinTech Org

- **Implemented Cloud Infrastructure** to efficiently **ingest 0.1M events/day** from external services in an **SQS** & process them with **AWS Lambda**, storing payment artefacts in **S3** & **DynamoDB**.
- Configured **AWS CloudWatch** to track system performance metrics through **dashboards, alarms and monitors**.
- Led **UX upgrade** in **Mexico** marketplace with **launch** of **Integrated Invoice Listing** feature, enabling a unified experience across multiple invoice creation/ingestion channels.
- **Optimized vendor contact handling** by automatically redirecting Amazon vendors experiencing currency mismatch and draft shipment errors to the right channels, resulting in a **12%** decrease in contacts.
- Conducted **security analysis** on **Address Service API** calls for risk of Insecure Direct Object Reference (**IDOR**) vulnerability to mitigate risks.
- **Optimized system's performance** by **resolving 20+ tickets** within first on-call, **raising** our team's overall **ticket score** to **98%**.

### HASHEDIN BY DELOITTE | SOFTWARE ENGINEERING INTERN

March 2022 - June 2022 | Remote | Certificate

- Successfully completed a **5-week Bootcamp**, honing skills in **CI/CD**, **Docker**, **Spring Boot**, **Spring Security**, and **microservice architecture** through hands-on project building.
- Developed a **Full Stack marketplace application** in a team of 3 members for farmers, suppliers and consumers to facilitate the buying/selling of raw materials as well as crops using the **MERN** stack and **Firebase** for authentication.
- Deployed backend app on Heroku and frontend app on Netlify.
- Wrote **5000+** lines of code.