

Sumit Joshi

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🌐 sakamotojin

Education

Army Institute Of Technology , Pune,
B.E. (Computer Engineering), (CGPA 8.57)

Army Public School ,Dhaulta Kuan,
Intermediate (CGPA 10.0)

Army Public School , Bikaner,
High School (PCM with Computer Science) (91.8%)

Professional Experience

FlipKart, *Software Development Engineer I*

05/2021 – present

- **ONDC (Open Network For Digital Commerce)**
Leading The Initiative Of On-boarding Flipkart's Ekart To Indian Govt. ONDC Platform (Java , Spring , MySQL)
System is responsible for handling complete Logistics Transaction(Search , Confirm , Status , Payment , Tracking)
Leading 2 Services Completely with 2 Junior Devs + 1 Intern
- **Image Search On Flipkart Platform**
Worked with Search Team to Onboard Visual Search Capabilities To Fk Platform
Worked On Ingestion Systems For Image Search (Spark , Scala , HDFS, Python)
Lead The Work On Federation Layer which is responsible for Complete Search Experience and Handles 25k QPS (Java , Dropwizard , Mongo) (HLD , LLD)

Airbus India Limited, *Software Engineering Intern*

08/2020 – 10/2020

Tarana Wireless Limited,

Software Engineering Intern(02/2020 - 05/2020)

[C++17 , Bazel , GTEST , GTEST , GMOCK , gRPC]
HSM Models For System State Handling , Implemented Custom Optimized File System API over POSIX

Airbus India Limited,

Associate Software Engineer(01/2020 - 04/2021)

[Python , Flask , MSSQL , JavaScript]
Implemented Proactive Performance And Anomaly Detection Tool For Web App
Improved Response Latency By Optimizing DB Schema And Optimizing SQL Queries/Procs/Functions

Links

- **Codeforces** - sadfasdfdsfda (1746) 📄
- **Codechef** - latus_rectum (2007) 📄
- **Hackerearth** - sakamotojin (1622) 📄
- **Hackerrank** - sakamoto_jin 📄

Teaching And Mentoring

- Mentoring An Intern in FlipKart
- Have Taught Many College Students Subjects Like Operating Systems , Computer Networking , Data Structures & Algorithms

Skills

C/C++

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STL , File Handling , Socket Programming, OOP, Exceptional Handling , Templates, Multi-threading, Gtest/Gmock

Java

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Multi threading , Lombok , Jackson , Dropwizard , Jersey , Java Collection Lib, Spring

Web Development

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HTML/CSS , JavaScript , JSON , AJAX , Web-sockets

Python

● ● ● ● ●

Multi-threading, network programming , Flask , OOP

NodeJs

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SQL

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Stored Procs , Functions , Optimisations

Achievements

Google KickStart, *(sakamotojin)Round F 2019: 155th*

Barclays India Hackathon Finalist 2019

Second In Clash, *Coding Competition PICT*

Rajkot Hackathon 2017, *Second Runner Up*

Projects

Image Editor In Java

Image Transformation , Grayscale , Blurring , Mirror , Brightening ,Some Effects And Filters 📄

LAN Radio Using Java

Traditional radio but through the LAN, Developed using Java socket for transferring,Java sound API

File Sharing System

File Sharing From Centralized System ,Sppt. Multiple Clients , Caching of Frequent Files, Modular Design

Inventory Management System

Console App.,Client Server System with Presentation and Business Logic On Client Side ,(Java+SQL)

Simple Car Racing Game In C++

*Used SFML to create Simple Single Player (with Computer) Car Racing Game In C++
(SFML, LLD , Vector Algebra , Physics , Maths)*

Roles Of Responsibility

Was Joint Secretary Of College Technical Board

Travel Guide Nanital , Uttarakhand

Courses

JVM Tuning

Java Memory Management , JVM Fine Tuning , Spotting Memory Leaks