

# Sumit Joshi

✉ sakamoto1jin@gmail.com ☎ +91 8698635112 in sumit-joshi-0919b7139 📄 https://sakamotojin.github.io

🌐 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)**  
Working On Onboarding Flipkart's Ekart To Indian Govt.  
ONDC Platform (Java , Spring , MySQL)  
The Layer is responsible for handling complete Logistics  
Transaction(Search , Confirm , Status , Payment ,  
Tracking)
- **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)  
Worked On Federation Layer which is responsible for  
Complete Search Experience and Handles 15k QPS  
(Java , Dropwizard , Mongo )

**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(011/2020 - 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** - sadfasdfdsfsda (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++**

● ● ● ● ●

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

**Java**

● ● ● ● ●

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

**Web Development**

● ● ● ● ●

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

**Python**

● ● ● ● ●

*Multi-threading, network programming , Flask , OOP*

**NodeJs**

● ● ● ● ●

**SQL**

● ● ● ● ●

*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**