

Sumit Joshi

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🔗 <https://sakamotojin.github.io> 🌐 [sakamotojin](#)

Education

Army Institute Of Technology , Pune,
B.E. (Computer Engineering), (CGPA 8.57)
07/2016 – 11/2020

Army Public School , Bikaner,
High School (PCM with Computer Science) (91.8%)
04/2014 – 03/2015

Army Public School ,Dhaura Kuan,
Intermediate (CGPA 10.0)
04/2012 – 04/2013

Professional Experience

Airbus India Limited,
Associate Software Engineer(011/2020 - Current)
SQL Server , Python , Java

Airbus India Limited, *Software Engineering Intern*
08/2020 – 10/2020

Tarana Wireless Limited,
Software Engineering Intern(02/2020 - 05/2020)
HSM Models for I2/I3 network services , Gtest , Gmock
Gflags, Bazel. Implemented an exception free API for file-
system related task .

Projects

Image Editor In Java
Image Transformation , Grayscale , Blurring , Mirror ,
Brightening ,Some Effects And Filters ☑

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

An Education Enhancement Web Toolkit
A Web Toolkit For Automating Test Taking Process
through Digital Ink and Speech Recognition ☑

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

Steganography
Developed a complete module without GUI which can
hide a data upto 2/8 the size of image without significant
distortions to the image.

Multi Chat C++ (TCP/IP)
A simple TCP/IP based multi chat application ☑

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

Hobbies

Competitive Programming, Solving Puzzles , Running

Skills

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

Java ● ● ● ● ●
*Multi threading , JDBC ,RMI , Socket Programming ,JSP , Servlets
, Applets , Java Collection Library*

Data Structures ● ● ● ● ●
*Arrays , Stack , Queue , Heap , Linked list ,Tree, Graph, Trie , BIT ,
Segment Trees , DSU*

Algorithms ● ● ● ● ●
*DFS , BFS , Prims , Kruskal , Dijkstra , LCA , Bellman-Ford , Floyd
Warshall Topological Sort ,Searching , Sorting , LIS , LCS , 0-1
Knapsack , N Queen , Aprox.- Vertex Cover , TSP*

Data Science ● ● ● ● ●
*Linear Regression , Naive Bayes, k-mean Clustering, Apriori ,
Decision Trees*

Web Development ● ● ● ● ●
*HTML/CSS , JavaScript , PHP , JSON ,JSP , Servlets,
XML , AJAX*

Courses

**Database Management System ,Computer Networks
Cyber Security,Operating System,Software
Architecture And Design**

**Probability And Numerical Methods ,Operation
Research,Linear Algebra ,Discrete Maths , Statistics**

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

Links

- **Codeforces** - [sadasdfdsfsda \(1746\)](#) ☑
- **Codechef** - [latus_rectum \(1910\)](#) ☑
- **Hackerearth** - [sakamotojin \(1622\)](#) ☑
- **Hackerrank** - [sakamoto_jin](#) ☑
- **Kaggle** - [sakamotojin](#)

Roles Of Responsibility

Joint Secretary Of Technical Board

Organised Eureka For Three Consecutive Years

Organized A workshop on Cybersecurity