

Sumit Joshi

✉ sumitjoshi_16146@aitpune.edu.in ☎ +91 8698635112 in [sumit-joshi-0919b7139](#)

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

Education

Army Institute Of Technology , Pune,
B.E. (Computer Engineering), (CGPA 8.39)
07/2016 – present

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

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 .

Bharat Electronics Limited,
Software Developer Trainee (01/2019 - 02/2019)
Made a POC for detection of Authentication mechanism
in A Webserver

Projects

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

File Sharing System
File Sharing From Centralized System ,Sprrt. 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.

Smart Water Management System
A real time application to control taps in home and
detect leakage in Pipes (IOT)

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** - [sdfasdfsfsda](#) (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