

Sumit Joshi

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🔗 <https://sakamotojin.github.io> 🔄 sakamotojin

Education

Army Institute Of Technology , Pune,
B.E. (Computer Engineering) , (CGPA 8.42)
07/2016 – present

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

Army Public School ,Dhaulta 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

Smart Garbage Collection System
Smart Dustbins - Level Indicator , connected to a
centralized server . Route with smallest path

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** - _latus_rectum_ (1669)
- **Codechef** - latus_rectum (1910)
- **Hackerearth** - sakamotojin (1604)
- **Hackerrank** - sakamoto_jin
- **Kaggle** - sakamotojin

Roles Of Responsibility

Joint Secretary Of Technical Board

Organised Eureka For Three Consecutive Years

Organized A workshop on Cybersecurity