Sumit Joshi

✉ sakamoto1jin@gmail.com   📞 +91 8698635112   **in** linkedin.com/in/sumit-joshi-0919b7139

⚲ sakamotojin.github.io   ⦿ github.com/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 ,Dhaula Kuan,
Intermediate (CGPA 10.0)
04/2012 – 04/2013

Professional Experience

Bharat Electronics Limited,
Software Devloper Trainee
01/2019 – 02/2019
An Application that parses the homepage of a website to detect the authentication mechanism in place

Projects

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

File Sharing System
(Java) Sharing From Centralized System ,Support Multiple Clients , Caching of Frequent Files, Modular Design

Snake Network Game
Multiplayer snake game, based on Qt with TCP sockets

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)

Mob Warning System
A real time application which informs the nearby police automatically by detecting the facial expressions of mob (angry , fear)

Hobies

Competitive Programming, Solving Puzzles , Running

Skills

C/C++   ● ● ● ● ○
STL , File Handling , Socket Programming, OOP, Exceptional Handling , Templates , OpenGL, Qt

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

Data Structures   ● ● ● ● ○
Stack , Queue , Heap , Linked list ,Tree, Graph, Trie , BIT , AVL , Segment Trees , Splay Trees , Threaded Binary Tree , DSU

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

Data Science   ● ● ● ○ ○
Regression , Naive Bayes , k-mean Clustering , Apriori ,SVM , PCA , Decision Trees , Random Forest , Regularization ,

Web Devlopment   ● ● ● ○ ○
HTML/CSS , JavaScript, PHP ,Spring , Django XML , AJAX

Courses

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

Probablity 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, *alpha_man 1568*

Codechef, *latus_rectum (1910)*

HackerEarth, *sakamoto_jin (1604)*

Kaggle, *sakamotojin*

Hackerrank, *sakamoto_jin*

Roles Of Responsiblity

Joint Secretary Of Technical Board

Organised Eureka For Three Consecutive Years

Organized A workshop on Cybersecurity