Sumit Joshi

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⚑ 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 ,Dhaula Kuan,
Intermediate (CGPA 10.0)
04/2012 – 04/2013

Professional Experience

Airbus India Limited,
Software Engineering Intern(08/2020 - Current)
SQL Server , Python , .NET, Java

Tarana Wireless Limited,
Software Engineering Intern(02/2020 - 05/2020)
HSM Models for l2/l3 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 transfering,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 , Dikstra , 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 Devlopment   ●●●○○
HTML/CSS , JavaScript, PHP , JSON ,JSP , Servlets, 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** - sadfasdfdsfsda (1746) ↗
- **Codechef** - latus_rectum (1910) ↗
- **Hackerearth** - sakamotojin (1622) ↗
- **Hackerrank** - sakamoto_jin ↗
- **Kaggle** - sakamotojin

Roles Of Responsiblity

Joint Secretary Of Technical Board

Organised Eureka For Three Consecutive Years

Organized A workshop on Cybersecurity