

# Sumit Joshi

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🔗 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 ,Dhaura Kuan,**  
*Intermediate (CGPA 10.0 )*  
04/2012 – 04/2013

## Professional Experience

**Bharat Electronics Limited,**  
*Software Developer 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

**Recruitment Management System**  
Add Jobs , Appy(3-tier Architecture , SQL , PHP  
,JavaScript)

**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**  
Same as 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*

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

**Data Structures** ● ● ● ● ●  
*Stack , Queue , Heap , Linked list ,Tree, Graph, Trie , BIT , AVL ,  
Segment Trees , Threaded Binary Tree , 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** ● ● ● ● ●  
*Regression , Naive Bayes , k-mean Clustering , Apriori ,SVM ,  
PCA , Decision Trees , Random Forest , Regularization ,*

**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**