

SAMYAK JAIN

M.Tech, National Institute of Technology Karnataka, Surathkal

@ samyakjain677@gmail.com

+919784632466

Ajmer, India

Portfolio

Github

EDUCATION

National Institute of Technology
Surathkal (NITK)

M.Tech. - Computer Science

CGPA: 7.89/10

2020 - Expected 2022

M.B.M. Engineering College Jodhpur

B.Tech. - Computer Science

CGPA: 7.93/10

2016 - 2020

KD Jain Public School Kishangarh

CBSE Class 12 | Percentage: 86.8%

2016

CBSE Class 10 | CGPA: 9.0/10

2014

SKILLS

Technical Skills

Languages: C | C++ | Java | PHP

Database: MySQL

Tools & Framework: UnetStack |
Git | Visual Studio

Soft Skills

Leadership | Adaptive | Problem
Solving

COURSEWORK

- Data Structures
- Algorithms
- Operating Systems
- Object Oriented Programming
- Computer Network

INTERESTS

Hodophile | Competitive Program-
ming | Chess

PROJECTS

Mitigating Location Spoofing Attack in UASN

Network Security | [GitRepo](#)

May 2021 - June 2021

- The main idea of this project is to implement an anti Spoof algorithm which provide node authentication for underwater communication with the help of **UnetStack** framework.
- In the absence of node authentication results in some of the attacks such as Sybil attack, Blackhole attack, and Wormhole attack.
- With the support of this algorithm node can ensure secure routing for underwater communication.

College Management System

Web Development | [GitRepo](#)

Dec 2020 - Jan 2021

- A web application is developed in **PHP** for college management connected with **XAMMP** server
- It provide varying level of access based on their role and responsibilities
- **RBAC** model ensure the scalability and helps in maintaining user-role-permission very efficiently.

Assembler

System Programming | [GitRepo](#)

June 2019 - July 2019

- Implement a hash table data structure for creating symbol table and opcode table in **C++** use to validate Assembly program for error.
- Translate the Assembly program into object file.

POSITION OF RESPONSIBILITY

- Teaching Assistant , *National Institute of Technology Surathkal.* March 2021 - *Present
- Coordinator of " Encarta 2k18" - annual technical fest at MBM Engineering College.
Dec 2018

EXTRA-CURRICULAR

Competitive Programmer | [Profile](#)

- At Codechef platform achieve 5 star with Highest Rating 2079.