



# Mohammed Sayeed

Competitive Programmer

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To work in an environment which encourages me to succeed and grow professionally where i can utilise my skills and knowledge appropriately to solve real world problems and deliver high optimal solutions in software industry .

## EDUCATION

### Computer Science and Engineering Siddaganga Institute of Technology

08/2018 - Present

7.83 CGPA

### Class 12

Sarvodaya Pre-university College

06/2016 - 06/2018

82.16%

### Class 10

Sri Chaitanya Techno School

06/2012 - 06/2016

10 CGPA

## WORK EXPERIENCE

### Front End Developer(Remote Internship) Swecha

07/2020 - 09/2020

*Swecha is a non-profit organization formerly called as Free Software Foundation and which is also part of free software movement in india*

#### Achievements/Tasks

- Worked On **Landing Page Design** for an Application and building small projects in JavaScript

## COMPETITIVE CODING PROFILES

### 1.Hackerrank(5🌟) 🔗

<https://www.hackerrank.com/sayeedofficial>

### 2.Codechef(5🌟) 🔗

<https://codechef.com/users/sayeedofficial>

### 3.Leetcode(3🌟) 🔗

<https://leetcode.com/sayeedofficial/>

## CS CORE COMPETENCIES

DATA STRUCTURES

ALGORITHMS DESIGN

DATABASE SYSTEMS

OPERATING SYSTEM

COMPUTER NETWORKS

SYSTEMS DESIGN

## TECHNICAL SKILLS

C/C++

Core Java

Python

JavaScript

Git

GitHub

React

Next.js

MySQL

MongoDB

Node.js

Django

Flutter

Linux

Android

Machine Learning(Basics)

## PERSONAL PROJECTS

### 1.MyPortfolio 🔗

- My **Self Made Portfolio** which shows my projects, my skills, and my profile details, download cv ,browse projects, built in **messenger chat bot**.
- Stack : **React Js**.

### 2. GeeksHub 🔗

- Its a **Client side application** which is used to search and fetch information of **GitHub Users** , navigate to user profile, look at the top repositories and more.
- Stack : **React and GitHub Api** .

### 3. Eventigo 🔗

- A **Full Stack Application** which allows members to **host various types of club events in map,login and user functionality**.
- Stack : **React, Next, Strapi(CMS)**

### 4. MyContactVault 🔗

- It is a **full stack web application** where users can **save contacts** safely. In order to access the contacts the user needs to login.
- Stack : **React, Node, MongoDB**.

### 5. MemoriesApp 🔗

- A **Full stack web application** where users post interesting and unique instances that has happened in their life.
- Stack : **React, Node, MongoDB**.

### 6. CV Maker 🔗

- A **Full stack web application** where user fill necessary fields and cv can be **downloaded** in the form of **pdf** .
- Stack : **Bootstrap, SQLite,Django** .

### 7. MyCustomCard 🔗

- A **Android Application** where you type a text and card is created having a picture as background and text.
- Stack : **Java, Android API, Work manager API**.

## INTERESTS

Full Stack Web Development

Networking

Software Development

Technology Analyst

## INTERPERSONAL SKILLS

English

Full Professional Proficiency

Hindi

Limited Working Proficiency

## ORGANIZATIONS

Cosmos (02/2020 - Present)

Web Developer

Coding Blocks (04/2020 - Present)

Campus Ambassador

## ACHIEVEMENTS

Global Rank 1

Secured Global Rank **1** in **codechef** may 2021 long challenge

AIR 1489

Secured Air **1489** in All india Ninja & Hire coding competition conducted by coding ninjas

Finalist

Qualified for **project symposium final** conducted by CORSIT in Robocore 2.0

Scholarship Winner

Won scholarship in **CAST** conducted by coding blocks

Global Rank 114

Secured Global Rank **114** in codechef december 2020 long challenge

Global Rank 119

Secured Global Rank **119** in codechef april 2021 long challenge

2nd Place in Ethos 2K19

Programming **Quiz** Competition Conducted by Team sigma

RunnerUp Place in Browse 2K19

Secured **2nd** Position in Life Extension and Sciences in Browse 2k19

## PERSONAL PROJECTS

8. NationalParkApp 

- A **Android Application** where a user can search for **national parks** around world.
- **Stack** : Java, Android API, Google Maps.

9. Textiment 

- A AI based Android/iOS Application Type a **text** which **represent a kind of feeling** and it will tell what kind of **feeling** the text represents.
- **Stack** : Flutter, RapidAPI .

10. Sketch2Real 

- A AI based Android/iOS Application where user **draws a object** in the form a **rough sketch** and a **real world** entity representing that sketch is shown in **form of picture** is generated.
- **Stack** :Flutter, Flusk, Deep learning and Generative adversarial networks .

11.DijksatraAlgoVisualizer 

- This is a **Algorithm** based project which **uses Dijkstra algorithm**,to solve the **problem of finding shortest in a given set of cities**.
- **Stack** : HTML,CSS,Bootstrap,JavaScript .

12. ContactSearch 

- This is a **Data structure Application** based uses **Trie Data structure** , which **shows functionality** how **auto completion** works in search .
- **Stack** : HTML, CSS, JavaScript .

13.Networker 

- A command line utility **Networking based application** which **connects to device,via SSH**, **builds a graph** which **shows pictorially the utilization of CPU** over time.
- **Stack** : Python Programming Language.

14. MemoryManager 

- This is **Operating system(linux)** based project **implementing custom memory allocation scheme to address the problem of memory fragmentation**,see memory usage and statistics and catch memory leaks **that takes the responsibility to allocate & de-allocate memory to userspace process** while taking care of the problems of **Heap internal and external fragmentation..**
- **Stack** : C Programming Language, DLL Data Structure.

15.MemoryLeakDetector

- This is Operating system based project , we try to **implement a garbage collector for C programs which work on the principle of reachability of objects to detect memory leaks**. we understand the limitation of such a **garbage collector for C like programming languages (which have direct access to underlying memory addresses, unlike Java/python)** .
- **Stack** : C programming Language.