

Samarth Sharma

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EDUCATION

INTERNATIONAL INSTITUTE OF PROFESSIONAL STUDIES

BTECH AND MTECH (DUAL DEGREE)

IN INFORMATION TECHNOLOGY

Dec 2019 - 2024 | Indore, India

Current CGPA : 9.07

LINKS

Github:// [s4marth](#)

LinkedIn:// [samarthsharma](#)

Leetcode:// [s4marth](#)

Codechef:// [s4mrth](#)

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms

Design and Analysis of Algorithms

Object Oriented Programming (OOPS)

System design

Operating System (OS)

Database Management System

Computer Networks (TCP/IP)

Software development

INDEPENDENT

Full stack development using tech stack like Node.js, MongoDB, javascript etc.

Certificate

SKILLS

PROGRAMMING

- C++ • C • React.js • Java
- Javascript • Unix/Linux • SQL
- HTML • CSS • Node.js
- Full stack development
- Google Cloud • DBMS
- Git • Github • Python

ACHIEVEMENTS

- Ranked Global 341 in Codechef starters 20 in 2021.
- Best Global rank in Google kickstart is 3220 in round E 2021.
- Completed 3 Milestones in Google Cloud Ready Facilitator Program 2021.
- Selected for final round of presentation in 'Ideathon' competition organized by Impetus.
- Successfully completed Hacktoberfest 2021

EXPERIENCE

GOOGLE SUMMER OF CODE 2022 | SOFTWARE DEVELOPER INTERN

May 2022 - Sept 2022

- Build a 2D action-packed game on Catroid, block coding, and visual programming language called Deadland for International catrobat Association. It's a single player zombie based game.
- Designed and implemented features that prevented the game from lagging, increased game speed by 2x and maximised user efficiency.
- Over 36000+ downloads have been made so far. More than 2k lines of code were written from scratch to implement all the designs and code.
- Made four versions of it, all are available on pocketcode app as well as on Github.
- [Project-link](#).

GEEKS FOR GEEKS | TECHNICAL CONTENT WRITER INTERN

May 2022 - present

- Authored articles on core concepts of programming languages, socket networking and Algorithms.
- By writing articles, I am able to help 1K+ students to understand the core concepts of programming languages, algorithms and networking.
- Topics covered like scala, jupyter notebook, compilers design, distributed systems, mongodb, analog/digital, android etc.

GIRLSCRIPT WINTER OF CONTRIBUTION | OPENSOURCE CONTRIBUTOR

Sept 2021 - Nov 2021

- Selected among top 10 contributors throughout the program.
- Raised 15+ PR's in C++ and Opensource and webdev Domain.
- Contributed in form of Code as well as Documentation.
- [Certificate](#).

PROJECTS

YELPCAMP | A DYNAMIC CAMPING WEBAPP

June 2020 - Aug 2020

- A dynamic webapp that helps you to find amazing campsites and places to visit.
- Designed and Implemented complete architecture of the project along with UI design.
- Build the whole webapp in 4 weeks of time.
- Using techstack like HTML, CSS, Bootstrap, Javascript, Node.js, Express, MongoDB etc.
- [Project-link](#)

API BASED WEATHER APPLICATION

Sept 2022

- A weather based application for real time weather information retrieval on maps with additional functionalities using Openweathermap API.
- Using techstack like React.js, JavaScript, Openweathermap, HTML, CSS etc.
- Implemented and designed the webapplication completely from scratch.