

Shivam Raj

shivamraj2402@gmail.com | +91 9027549679 | LinkedIn - iamshivamraj

EDUCATION

UTTARAKHAND TECHNICAL UNIVERSITY

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

College Of Engineering Roorkee

July 2020 - Present

Current Percentage: 72.04%

ASASVM ROORKEE

CBSE BOARD

12TH

March 2020

Percentage: 79.80%

10TH

March 2018

Percentage: 86.00%

LINKS

LeetCode: [RajOfficial](#)

Codeforces: [RajOfficial](#)

CodeChef: [raj_official](#)

GitHub: [Raj-Official](#)

LinkedIn: [iamshivamraj](#)

YouTube: [The Code Show](#)

Twitter: [@thecode_show](#)

COURSEWORK

UNDERGRADUATE

Data Structures

Design and Analysis Of Algorithms

Object Oriented Programming

R-DBMS

Operating System

Computer Networks

Software Engineering

SKILLS

LANGUAGE AND LIBRARY

C

C++ - STL

Python - Numpy, Pandas

Java

HTML, CSS

JavaScript - ReactJS

TOOLS AND TECHNOLOGY

Visual Studio, Jupyter Notebook, Git,

GitHub, GitLab, Discord

DATABASE

MySQL

EXPERIENCE

ELECTRICAL DEPARTMENT LAB, IIT ROORKEE

CYBER SECURITY INTERN

July 2023 - Present

- Working on the Network Layer of a SCADA system on a Micro-grid.
- Extracting useful information from the data packets.
- Used languages are Python and ML Libraries.
- Identifying Cyber Attacks which can be made on the network switch.

VIRTUAL LABS, IIT ROORKEE

WEB DEVELOPMENT INTERN

July 2022 - August 2022

- Developed virtual simulator of arc welding experiment from scratch.
- Solved the issues related to UX that a user had to face while experiencing the simulator.
- Used languages are HTML, CSS and JavaScript Libraries.
- Updated my work on a daily basis on GitLab.

PROJECTS

TRAVEL DESTINATION RECOMMENDATION SYSTEM

MACHINE LEARNING | PYTHON | NUMPY | PANDAS

Oct 2022 - Mar 2023

Developed a travel destination recommendation WEB APP using pywebio. It can suggest the most suitable travel destinations related to your choice with an accuracy rate of almost 100%. Machine Learning is used to develop this project.

STOCK PRICE ANALYSIS DASHBOARD USING ML

PYTHON

Jan 2023 - Present

It can analyze the database of the previous years' stock prices of various companies and represents the analysis by the means of a graph. It is a machine learning based project.

ACHIEVEMENTS

2022	4 th rank	Business Idea Representation in College
2021	Top 5	CodingGeeks Hackathon
2018	8 th rank	Science Olympiad

CERTIFICATIONS

- DSA SUPREME from CodeHelp by Love Babbar.
- Python from Udemy.
- JAVA from Udemy.
- Introduction to IoT from NETACAD.
- Introduction to Cyber Security from NETACAD.

OTHERS

- Event Coordinator in DISHA - The technical committee COER.
- Youtube video maker on tech enthusiasm.
- Hobbies - Playing music, chess and cricket.