

Kritik Manral

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EDUCATION

Graphic Era Hill University

Bachelor of Technology in Computer Science and Engineering, (9.31/10)

Bhimtal, Uttarakhand

Aug. 2019 – Present

St. Amtul's Public School

Intermediate, (90.2 %)

Nainital, Uttarakhand

April. 2018 – May 2019

Sanwal Public School

High School, (10/10)

Nainital, Uttarakhand

April. 2016 – May 2017

EXPERIENCE

Summer Intern

Samsung Research Institute

July 2022 – August 2022

(Remote)

- Worked on an internal Samsung Project, based on cloud platform automation task
- Used technologies like java, spring boot, docker and kubernetes pods

Research Internship

Samsung Research Institute

July 2021 – December 2021

(Remote)

- Worked on Core Dump Analyzer and Solution Recommendation System using ML
- Linux based system that can track the segmentation faults inside a code
- Appropriate recommendation according to the fault occurred

Teaching Assistant (President)

We Code

July 2021 – August 2022

Graphic Era Hill University Bhimtal

- Taught more than 500 juniors about Competitive Programming
- Conducted various workshops and seminars over leading technologies

PROJECTS

Algorithm Visualizer | *Html, CSS, JavaScript*

[Link](#)

- Developed a sorting algorithm and graph algorithm visualizer
- Can visualize 7 sorting algorithm and various graph traversal algorithm in a GUI form

Browser Extension | *Html, CSS, JavaScript*

[Link](#)

- Developed a browser extension and website which help competitive programmers to keep track of their unsolved problems on Codeforces
- User get all the links to unsolved problems with click to redirect functionalities

Face Recognition and Attendance Monitoring System | *Python, OpenCV*

- Developed a face recognition system that use faces of the individual to mark their attendance onto an excel file
- Detect faces from the faces stored in the database to track the employee status

AWARDS AND ACHIEVEMENTS

TCS Codevita: World Finalist (World Rank 19 out of 100K+ participants)

HackWithInfy: Grand Finalist (Top 100)

CodeChef: 4 Star (44 rank in May Cook-Off 2022)

Codeforces: Specialist (Best Rating 1548)

Honorary Titles:

- Head Boy at High School
- School Captain at Intermediate
- President of WeCode (Coding Club of University)

TECHNICAL SKILLS

Languages: C/C++, Java, Python, JavaScript, HTML/CSS

Frameworks: Spring Boot, Spring MVC, React, Node.js, Kubernetes

Developer Tools: Git, Docker, Cloud Platform, VS Code, Eclipse