

TANISHQ RAWAT

Ujjain, Madhya Pradesh

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Education

Acropolis Institute of Technology and Research, Indore

August 2019 - May 2023

Bachelor of Technology in Computer Science and Engineering (CGPA of 8.19)

Madhya Pradesh, India

Experience

Mobileum Inc.

Aug 2022 – Present

Associate Software Engineer

Bangalore, India

- I worked in a team to create a tool for **Verizon** for Roaming Usage Manager (RUM), My role was to develop ETL's for accumulating data from Mobileum's internal product and perform the required actions based on the input events.
- Currently working for a product called VPE (Voice Policy Engine), which is used for voice call fraud detection. My role is to write ETL and perform changes in binaries for previous release bugs.

Cerebry

Aug 2021 – Feb 2022

Software Development Engineer Intern

Singapore

- My role was to develop mathematical logic using an AI Framework based on Python and Prolog.
- I was part of the team to create a Utility Framework to convert mathpix LaTeX to organization parser-supported LaTeX.

Thinking Machines

Jan 2020 – Feb 2021

Software Development Engineer Intern

Remote

- I worked on the project for creating a customized web server in C++ which was used in IOT applications.
- I worked on a project to create a JavaScript framework similar to jQuery for creating customized components for web application development.

Projects

PhotoLab | *Python, OpenCV, Image Processing* | Demo | Source Code

- PhotoLab is a photo editing tool implementing various Image Processing algorithms, it has a user-friendly interface and various features for editing pictures
- No external library was used to implement image processing algorithms. All the algorithms are written from scratch

Viper HTTP Web Server | *C++, Socket Programming and HTTP Protocols* | Source Code

- Viper is an HTTP Web Server built using C++ and socket programming. It has two editions.
- Edition One can serve static web applications and Edition Two can serve static and dynamic web applications.

Magic Framework | *JavaScript* | Source Code

- It is a custom javascript frontend framework used to design component which can ease the web application development.

Achievements

- Qualified for **Semi-Finals** of **FlipKart Grid 4.0** in 2022
- Qualified for finals of **Code Gladiator [Global Rank - 3290]** hosted by TechGig in 2022.
- Achieved **State Rank 1** (GOLD Medalist) in IOM 2019 in Stage 1 and **State Rank 3** in Stage 2
- Solved over 450 problem solving questions on Leetcode ([tanishqrawat8](https://leetcode.com/tanishqrawat8))

Certifications

- Programming with Everybody: Python (Coursera)
- AWS Fundamentals (AWS Academy)
- Data Structures and Algorithm in C++ (Coursera)

Technical Skills

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

Technologies/Frameworks/Libraries: AWS, Flask, jQuery, ReactJS

Area of Interest: Full Stack Development, Socket Programming, Image Processing