

# TANISHQ RAWAT

Ujjain, Madhya Pradesh

☎ +91 8982416479 ✉ [tanishqrawat8@gmail.com](mailto:tanishqrawat8@gmail.com) 🌐 [tanishq0917t](#) 📄 [tanishq0917t](#) 🌐 [Portfolio](#)

## Education

**Acropolis Institute of Technology and Research, Indore**

**August 2019 - May 2023**

*Bachelor of Technology in Computer Science and Engineering (CGPA of 8.10)*

*Madhya Pradesh, India*

## Technical Skills

**Languages:** C, C++, Python, Java, JavaScript, SQL, Shell

**Frameworks/Platforms:** Azure, Databricks, pySpark, Flask, Numpy, Matplotlib, jQuery, Git

**Area of Interest:** Data Engineering, Machine Learning, Full Stack Development

## Experience

**Mobileum Inc.**

**Aug 2022 – Present**

*Associate Software Engineer*

*Bangalore, India*

- Worked on creating **data pipelines** using pySpark and Azure cloud platform for product RAID - telecom data analysis tool for organizations **T-Mobile, Verizon Wireless, Starhub, Airtel, Rakuten and AT&T.**
- Migrated various ETLs from the in-house tool to Azure cloud using Azure Databricks & PySpark which increased the performance by 40%. ETL handled over 100,000 records per minute.

**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 lead a 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

**Formula 1 Analysis** | *PySpark, ETL Pipelines, Azure Databricks, Azure Data Factory* | [View Demo](#)

- Formula 1 Analysis is a data analysis project that performs various analyses on Race data of Formula 1 of the year 1950 - present. Wrote ETL to process the data into different layers using Azure Data Factory.
- Performed analysis to determine the most dominant driver, most dominant team, best lap time, best average lap time and presented the analysis in Azure Databricks Dashboard

**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

**InterviewPro** | *Python, Flask, jQuery, codeMirrorJS* | [Visit platform](#)

- InterviewPro is a platform where students can prepare for their placement opportunities.
- It allows users to appear for MCQ tests, code using our online coding area, and book mock interviews.

## Achievements

- **Star Performer Award** recipient at **Mobileum** for my exemplary contribution in Quarter 1 & 3 for year 2023
- Qualified for **Semi-Finals** of **FlipKart Grid 4.0** in 2022 and **Uber HackTag** in 2022
- Achieved **State Rank 1** (GOLD Medalist) in IOM 2019 in Stage 1 and **State Rank 3** in Stage 2
- Solved over **450 problems** on **Leetcode** (Username: tanishqrawat8)

## Certifications

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