

# 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 8.10)*

*Madhya Pradesh, India*

## Technical Skills

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

**Frameworks/Platforms:** Azure, AWS, Boto3, Databricks, pySpark, Flask, jQuery, Git, FastAPI

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

## Experience

**Mobileum Inc.**

**Aug 2022 – Present**

*Software Engineer - 2 (Apr 2024 – Present)*

*Bangalore, India*

- Migrated and optimized **ETLs** from the in-house tool to **Azure cloud** environment increasing the performance by **40%** handling **100,000 records/min**.

*Software Engineer - 1 (Aug 2022 - Mar 2024)*

*Bangalore, India*

- Created **data pipelines** using pySpark, Azure Databricks & Data Factory for our Data Analytics product.
- Developed 14 different data analytics dashboards using **Django & jQuery** based on various telecom metrics.
- Automated various utility tasks related to data dump from different data sources using shell script & python.

**Cerebry**

**Aug 2021 – Feb 2022**

*Software Development Engineer Intern*

*Singapore*

- Worked on backend feature for generating latex to present math questions based on various parameters.
- Lead a team to create a framework to extract text from image and convert the text to LaTeX to generate questions.

**Thinking Machines**

**Jan 2020 – Feb 2021**

*Software Development Engineer Intern*

*Remote*

- Developed backend features for an Enterprise billing system, optimizing functionality and enhancing user experience.
- Created 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](#) | [Source Code](#)

- 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

**Cloud On Tips** | *Python, AWS, Flask, Boto3, jQuery* | [View Demo](#) | [Source Code](#)

- A web application to create & manage VPS & Serverless Computing Services without having knowledge to configure it using cloud services. You can create a custom VPS, start, stop, or terminate it whenever required with a single click.
- AWS EC2 instances are being served as VPS and configured using boto3 SDK. This platform automates all the actions for EC2. Serverless Computing Services are built from scratch with no use of AWS LAMBDA.

**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 **500 problems** on **Leetcode** (Username: tanishqrawat8)