Atulya Shree Sharma

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EDUCATION

- **Rajasthan Technical University** — Jaipur, Rajasthan
  Bachelor of Technology - Computer Science; CGPA: 9.27 — *2020 - 2024*
  Courses: *Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*

SKILLS SUMMARY

- **Languages**: C++, Java, Python, SQL
- **Backend**: Spring Core, Spring MVC, REST APIs, Flask, Docker, Kubernetes
- **Tools**: Git, Linux, Mockito, JUnit
- **DATA / ML / DL**: Python, NumPy, Pandas, Scikit-learn, TensorFlow, Keras, Data Visualization (Matplotlib, Seaborn), Machine Learning Models, Deep Learning Architectures
- **Soft Skills**: Leadership, Public Speaking, Time Management

EXPERIENCE

- **RoboMQ Pvt. Ltd.** — October 2023 – April 2024
  Associate Software Engineer Intern
  - Developed an API-integrated microservice improving the efficiency of the onboarding process for Hire2Retire, a pre-packaged integration solution for managing employee life cycle and identity provisioning.
  - Built the "HR write-back" feature for seamless data transfer between Active Directory and Paylocity by writing back employee emails.
  - Implemented diff-based updater ensuring 100 % data consistency across two systems.
  - Resolved 25+ production bugs reported by testing teams and customers, improving product stability and performance.

- **Celebal Technologies** — May 2023 – July 2023
  Data Science Intern
  - Gained practical experience in applying data science techniques to real-world problems, including data cleaning, exploratory data analysis (EDA), and machine learning model development.

- **Upflairs Pvt. Ltd.** — June 2022 – August 2022
  Machine Learning and Data Science Intern
  - Applied machine learning algorithms to real-world datasets, involving data preprocessing, model selection, and evaluation techniques.
  - Developed proficiency in implementing machine learning algorithms such as linear regression, decision trees, random forests, and neural networks using Scikit-learn and TensorFlow.

PROJECTS

- **Eyes Wide Open**: Leveraged machine learning and deep learning algorithms and real-time monitoring to create an effective and user-adaptive solution that proactively identifies drowsiness in drivers and workers, ensuring enhanced safety and productivity.
  - Technologies used: Scikit learn, Flask, Google Colab, Streamlit

- **Mobile Price Expert**: Developed an AI app that is based on classification of mobile phones on the basis of their price groups. It takes input in the form of specification like screen size, screen width, etc. and after putting in all the inputs, it intelligently judges the price group of the mobile based on the data set provided.
  - Technologies used: Scikit learn, Flask, Google Colab, Heroku

PUBLICATION

- **Asian Journal of Management, Engineering and Computer Sciences (AJMECS) · Vol. 9(1), Jan. 2024: 6-13**: Technology to Detect Drowsiness in Drivers through Wide-Open Eyes.

CERTIFICATIONS

- Microsoft Certified - Azure Data Fundamentals DP-900 - View Certificate — June, 2022
- Udemy Certified - Complete Machine Learning - View Certificate — August, 2021

HONORS AND AWARDS

- Student Council Captain — led 50-member team, organised tech and cultural fests for 1 K students. — 2020 - 2021