

# 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, CI/CD, 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.
  - Designed “HR write-back” module enabling bidirectional sync between Active Directory and Paylocity.
  - 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

- CarersNow:** Implemented dynamic search filters using `useSearchParams`, `useMemo`, and custom filter logic. Created reusable, responsive UI components with Tailwind CSS and React hooks. Managed state and routing effectively with Next.js App Router. Deployed on Vercel for seamless CI/CD integration. Focused on performance, accessibility, and clean UX/UI design.
  - Technologies used: Next.js, React, TypeScript, Tailwind CSS, Node.js, Git, Vercel
- 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