

Atharva Rode

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EDUCATION

- Mukesh Patel School of Technology Management and Engineering, NMIMS. **July 2025**
- Bachelors in Technology, Data Science (CGPA: 3.84/4)
- DAV Public School, Class 12, CBSE (Finals - 95.2%) **June 2021**
- Ryan International School, Class 10, CBSE (Finals – 95.8%) **June 2019**

SKILLS

Languages: Python, SQL, HTML and CSS.

Libraries and Frameworks: NumPy, Pandas, Matplotlib, Seaborn, Keras, Tensorflow, Scikit-learn, OpenCV, Streamlit, Langchain

Softwares: Power BI, Excel, Visual Studio, COLAB

Concepts: Statistics, Machine Learning, Deep Learning, Artificial Intelligence, NLP, Computer Vision, Cloud (AWS), Generative AI (LLMs)

PROFESSIONAL EXPERIENCE

AkzoNobel

Role: Data Science Intern

May 2024 – Present

- Using machine learning and deep learning techniques in the **color domain** for research and development purposes.

Alorb Technologies Private Limited

Role: Data Science Intern

May 2023 – July 2023

- Worked on improving the efficiency and productivity of the employees by using various statistical techniques like ANOVA and MANOVA.
- Determined the important parameters for productivity using various HR dashboard metrics. Worked on Power BI to create interactive dashboards of HR Analytics.
- Worked on predictive modelling for productivity of the employees.

University Of Auckland

Role: ML Research Intern

July 2023 – August 2023

- In-depth research on decision trees, ensemble techniques, and hyperparameter tuning. Conducted thorough analysis and optimization to enhance model performance.

PROJECTS

Automated Attendance System ([Link](#))

- Implemented an Automated Attendance System using five models (Simple CNN, Complex CNN, VGG16, VGG19, Resnet). Deployed with Flask, it uses OpenCV for face detection, tracking 17 classes, with names and timestamps stored in a CSV.

Mental Health Analytics ([Link](#))

- Analyzed mental health data using K-Means, Hierarchical, and DBSCAN clustering. Leveraged Gemini Pro via API for live inference and used Streamlit to build an interactive web app for global insights

E-commerce app ([Link](#))

- Developed a full stack ecommerce website using React, CSS and AWS services.
- Utilized AWS Amplify for deployment and hosting, DynamoDB for efficient data management, Cognito for user authentication and security, Lambda and API Gateway for serverless functionality.

Bike Rental Analysis And Forecasting ([Link](#))

- This project focuses on analyzing bike rental data using Power BI for visualization and forecasting techniques like AR (Auto Regressive), MA (Moving Average), ARIMA (Auto Regressive Integrated Moving Average), and SARIMA (Seasonal ARIMA) models.
- The models are compared based on Mean Squared Error (MSE) to determine their accuracy.

EXTRA-CURRICULAR ACTIVITIES

- President** at [Analytika-The Data Science Club](#), MPSTME (2023-2024)
- Leading Guitar Tutor** at [Connectbud](#) USA (200+ hours of teaching)
- Volunteer** at AWS USER GROUP MUMBAI
- Research and Development Executive** at Enactus MPSTME
- VP Recruitment and Senior Executive** at AIESEC IN NAVI MUMBAI