

Aryan Mane

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EDUCATION

University of Mumbai	MBA, Information Technology & Business Analysis	Oct 2024 – Oct 2026
University of Mumbai	BS, Information Technology; CGPA: 9.60/10	Aug 2021 - Jun 2024

SKILLS

Languages: Python, Java, SQL, HTML, CSS, JavaScript, TypeScript.

Databases: MySQL, PostgreSQL, MongoDB, Firebase.

Technologies: React.js, React Native, Expo, Tailwind CSS, Data Analysis, AI/ML, AWS EC2, Agile/Scrum.

Tools: Git, GitHub, Postman, Power BI, Tableau, Selenium, Cypress, Trello, DB Browser

EXPERIENCE

- **Application Developer, ITVedant** May 2024 – Nov 2024
 - Implemented e2e data analysis systems using **TensorFlow, Keras, scikit-learn, chart.js**, achieving **97% accuracy**.
 - Built a SaaS solution with **AWS, PostgreSQL, and Flask** to process thousands of potential leads daily, increasing model accuracy by **15%**, reducing prediction error by **20%**, when compared to previous models.
 - Developed a resume scoring system using **NLP, RAG**, and technologies like **spaCy, Hugging Face Transformers**, achieving **94% accuracy** in resume screening and candidate ranking.
 - Led the e2e development of a **GenAI chatbot** for customer enquiries with **RASA, OpenAI API, and React.js**.
 - Collaborated with cross-functional teams to understand their approaches while developing **tailored solutions**.

PROJECTS

- **Funds Management & Inadvertent Transaction Alert** ([link](#))
 - Created a mobile application that automates real-time tracking of financial transactions using **Flutter** and **Firebase**.
 - Developed a model utilizing **AI/ML** for **behavioral analysis**, generating alerts and reducing unintentional/scam transactions with the accuracy of **91%**.
 - Integrated **SQLite** for local data storage, **Google Drive API** for cloud storage.
 - Used **TRAI API** for sender identification and hosted the backend on **AWS** with **JavaScript**.
 - Presented at **Aavishkar (University of Mumbai)** and selected for the **Student Innovation** category at **Smart India Hackathon (SIH)**.
 - Published a research paper addressing the problem statement. ([research paper](#))
- **Clasificador (E-Log System for Logistic Industry)**
 - Automated Commercial Vehicle Management in warehouses and roads using **Google Maps API** for real-time tracking, **MongoDB** for data storage, and an advanced **route planner** for optimized logistics and transportation.
 - Implemented **driver identification** and **cross-verification** of information using **Face Recognition** and **JWT authentication**, reducing **truck accidents by 75%** and enhancing overall security.
 - **Monitored driver hours** based on **drive time** using **data analytics**.
 - Working on monitoring driver hours by leveraging **Apache Kafka** for real-time data streaming from **Google Maps** movements.

VOLUNTEER EXPERIENCE

- **Event Manager, TechVista - Hackathon.** Dec 2023 – Mar 2024
 - **Designed and managed diverse challenges** for participants, ensuring engagement and skill alignment, while overseeing event planning and team coordination for smooth execution and seamless collaboration.

CERTIFICATIONS

- [Software Engineer Intern](#) – Hackerrank
- [Google IT Automation with Python](#) – Coursera
- [Microsoft Azure AI Fundamentals](#) – Microsoft