

# Aryan Mane

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## SKILLS

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

**Technologies:** Spring Boot, Flutter, React.js, Tailwind CSS, AWS, Data Analysis, AI/ML, Agile/Scrum.

**Databases:** MySQL, PostgreSQL, MongoDB, Firebase.

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

## EXPERIENCE

### • Application Developer, ITVedant

- 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.

## EDUCATION

**Lovely Professional University**  
**University of Mumbai**

Master's, Information Technology & Business Analysis  
Bachelor's, Information Technology

## VOLUNTEER EXPERIENCE

### • Event Manager, TechVista - Hackathon.

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