Aryan Ambre

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SUMMARY

Detail-oriented technology professional skilled in software development, data analysis, and AI-driven systems. Experienced in Python, Java, SQL, dashboards and real-time CV/IoT workflows. Strong at problem-solving, debugging, and delivering efficient, scalable solutions.

WORK EXPERIENCE

AI Video Automation Intern – Videoverse   May 2024 – Aug 2024

- Used Magnifi AI to automate video clipping and tagging tools for live sports events.
- Built automation workflows for highlights extraction, metadata tagging, and optimized content generation for web and social platforms.
- Gained hands-on experience with video automation, sports analytics, and digital media publishing workflows.

PROJECTS

E-Commerce Sales Performance Dashboard – Power BI   2025
https://github.com/Aryanambre77/E-Commerce-Sales-Performance-Analysis-Dashboard-in-Power-BI

- Built an analytical dashboard to evaluate sales performance using KPIs, category trends, and regional insights.
- Implemented data cleaning, modeling, custom DAX measures, drill-downs, and advanced filters.
- Tech Stack: Power BI, Excel, DAX, Data Modeling, ETL, Data Visualization.

Driver Drowsiness Detection & Accident Alert System – CV + IoT   2025
https://github.com/Aryanambre77/Driver-Drowsiness-Accident-Alert-System

- Developed a real-time fatigue detection system using facial landmarks (EAR, MAR) implemented in Python.
- Integrated accelerometer, GPS, and GSM modules to detect accidents and auto-trigger SOS notifications.
- Tech Stack: Python, OpenCV, Dlib, Raspberry Pi 4, ESP32-CAM, ADXL345, GSM, GPS.

Distance Calculator – Python   2024
https://github.com/Aryanambre77/Distance-Calculator

- Created a distance and ETA calculator using the MapQuest Geocoding API.
- Automated retrieval of coordinates and calculations using the Haversine Formula.
- Tech Stack: Python, Requests, Haversine Formula, MapQuest Geocoding API.

EDUCATION

Thakur Institute of Management Studies, Career, Development & Research, Mumbai   2024–2026
Master of Computer Applications   CGPA: 9.04/10

Narsee Monjee College of Commerce and Economics   2021–2024
Bachelor of Science in Information Technology   CGPA: 7.99/10

SVKM's Mithibai College   2021
HSC: 88.83%

St. Anne's High School   2019
SSC: 84.80%

CERTIFICATIONS

- Deloitte Data Analytics, 2025 (Forage)
- Data Analytics with Python, 2025 (NPTEL)
- Accenture Data Analytics and Visualization, 2024 (Forage)

TECHNICAL SKILLS

Programming: Python, Java
Databases: MySQL, Firebase
Version Control: Git, GitHub
Web Dev: HTML, CSS, JavaScript
Analytics: Tableau, Power BI, Excel
IDEs: VS Code, Eclipse, Android Studio, PyCharm
Design & Productivity: MS Office, Canva, Figma

CO-CURRICULAR & EXTRA-CURRICULAR ACTIVITIES

- Participant in Hackathon, Sports Day, and college tech competitions (2025).
- Conducted peer learning sessions, guiding students on Python fundamentals and practical exercises (2024).