Aryan Mahendra Mokashi

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Summary

Experienced in Python, SQL, and advanced data visualisation, with hands-on experience in real-world analytics projects. I have built solutions across lifestyle analytics, conversational AI, automated systems, and performance dashboards. Currently pursuing an MSc in Data Science & AI with a strong focus on impactful analytics and clean, data-driven decision support systems.

Education

M.Sc. Data Science & Artificial Intelligence   **2024 – 2026**
SVKM Mithibai College | CGPA: 8.25   Mumbai
B.Sc. Computer Science   **2021 – 2024**
JVM Mehta College| CGPA: 8.95   Navi Mumbai

Technical Skills

Languages: Python, R, JavaScript, HTML, CSS, TypeScript, React.js   **Databases**: MySQL, MongoDB
AI & Automation: OpenAI GPT, Gemini AI, Prompt Engineering   **Frontend**: JavaScript, React.js, HTML, CSS
Data Analysis & Visualisation: Excel (Advanced), Power BI   **Backend**: Python, Flask
Testing & Tools: React Testing Library, Git, Vercel, Netlify   **Cloud**: AWS, Google Cloud, Git

Projects

Automated Attendance Monitoring System – Smart India Hackathon (Team Leader)   **2025**
PS ID: SIH25016 | Team ChakraVyuh | Smart Education Theme
Tech: React Native, Flask, MongoDB Atlas, JWT, Python
Demo Video: https://www.youtube.com/watch?v=d-BjvncCt8o
- Developed a secure attendance system using QR, face recognition, geo-location, and device authentication.
- Implemented a robust backend using Flask and JWT-based identity validation.
- Delivered the full prototype and qualified through the college-level SIH selection round.

Human Activity & Workout Intensity Prediction (ongoing)   **2025 – 2026**
- Performed ML/DL modelling on multi-sensor wearable datasets.
- Implemented activity and intensity classification using Random Forest, XGBoost, CNN, and LSTM architectures.
- Conducted preprocessing, feature engineering, and time-series modelling in Python & TensorFlow.
- Developed dashboards and insights using Pandas, Scikit-learn, TensorFlow, and Tableau.

Chef Byte - AI Cooking Chatbot   **2025**
Tech: Flask, Python, MongoDB, React.js, Gemini API
Live Link: https://aichefbyte.netlify.app/
- Created an AI-powered cooking assistant supporting ingredient queries and guided recipes.
- Integrated Flask + MongoDB backend with a React.js frontend for seamless data flow and dynamic responses.
- Enhanced accuracy and user experience by incorporating the Gemini API for advanced NLP processing.

Harmony Minds – Music & Mental Health Analysis (Collaborative project)   **2024**
Tech: Flask, Python, SQL, Spotify API
Live Link: https://spotifyharmonyminds.netlify.app/
- Integrated music listening behaviour using Spotify API keys and webhooks.
- Developed backend pipelines with Flask + SQL for storing and analysing user listening data
- Showcased skills in API integration, real-time data handling, and automated insights generation.

Sales Performance Dashboard (Power BI**)**   **2024**
- Designed an interactive dashboard to track sales, cost, and profit across regions and product categories.
- Visualised KPIs using maps, pie charts, bar charts, and time-series components for actionable insights.

Certifications & Activities

- Basic to Advanced Microsoft Excel – Skill Nation – Certificate
- Basic to Advanced Structured Query (SQL) – Skill Nation – Certificate
- Basic to Advanced Microsoft Power BI – Skill Nation – Certificate
- Generative AI Mastermind (Workshop) – Outskill – Certificate
- AI Dashboards using Microsoft Power BI (Workshop) – Skill Nation – Certificate