

ARYAN MISHRA

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aryanportfolio.me

Profile Summary

Engineering candidate specializing in **AI, Machine Learning, Full-Stack Development, and Data Analytics** with a strong record of building scalable systems, automation pipelines, and intelligent applications. Experienced in delivering high-impact solutions across research, IoT, and product development environments. **Recognized for award-winning biometric systems and AI-driven automation frameworks.**

Education

Presidency University, Bengaluru

2022–2026

B.Tech in Computer Science (Specialization in AI & ML)

Coursework: **Machine Learning, Algorithms, Data Structures, DBMS, OS, Deep Learning, Networks**

Work Experience

Data Research Intern — Xtelfly Limited, Bangalore

Aug 2025–Oct 2025

- Delivered **8+ research analyses** enabling data-driven decision making.
- Processed **50k+ records** using Python, improving data efficiency by **30%**.
- Built workflow automations reducing manual work by **20%**.

AI-ML Intern — Gaia Smart Cities Solutions Pvt. Ltd.

Jul 2025–Oct 2025

- Contributed to **3+ smart-city modules** focused on IoT-based automation.
- Managed data streams from **100+ IoT devices** improving system reliability.

Full-Stack Intern — ScanPick, Bangalore

Oct 2024–May 2025

- Built **3+ full-stack applications** (React, Flask, SQL) improving load speeds by **35%**.
- Developed and deployed APIs supporting **200+ active users**.
- Automated workflows saving **10+ hours/week** for internal teams.

Volunteer — Subhansh Sewa Trust

May 2024–Jun 2024

- Coordinated events reaching **500+ people**, increasing donations by **15–20%**.
- Supported community initiatives ensuring measurable outreach impact.

Projects

PIB Automation Platform — AI + Automation

2024

- Automated PIB press releases into auto-generated video formats.
- Saved **10+ hours/week** and increased engagement by **2.5x**.

5G Network Simulation Framework — Python + AI Scheduling

2024

- Engineered AI-driven scheduling achieving **3–4x throughput gains**.
- Implemented **50+ simulations for QoE** and latency benchmarking.

SQL Monitoring Dashboard — Full-Stack

2024

- Built real-time SQL monitoring with **1s latency**.
- Used by testers executing **250+ queries/day** to improve debugging efficiency.

Face Recognition System (Award-Winning)

- Achieved **92%+ accuracy** in real-time biometric identification.
- Won Best Societally Relevant Project for impactful deployment.

Certifications

Google Analytics • Google Ads • Oracle Foundation • Deloitte Analytics Simulation • OneRoadMap Data Analyst Kernel Development • SkillUp ML & AI • TCS ION Career Edge • Raspberry Pi Expo • Linux

Technical Skills

Programming: Python, Java, C, JavaScript, HTML, CSS

Frameworks: React, Flask, Django, OpenCV, NumPy, Pandas

ML Skills: Pipelines, preprocessing, evaluation, scikit-learn, TensorFlow

Databases: SQL, MySQL, PostgreSQL

Tools: Git, Linux, REST APIs, Raspberry Pi, Cloud Deployment