Rahul Sharma | AI/ML Engineer

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Portfolio: rahul.aishtrex.com

Education

Indian Institute of Information Technology, Manipur — B.Tech in Computer Science & Engineering (AI & DS)
- Current CGPA: 7.76 / 10.00
- **Relevant Coursework:** Data Science, Database Management Systems, Artificial Intelligence, Advanced Distributed Systems, Data Structures and Algorithms

Holy Public School, Agra
- Class 12: 93.4% (2022) | Class 10: 92.0% (2020)

Work Experience

UI/UX Designer Intern – AliveHire
- Designed and implemented 15+ responsive UI components, improving candidate onboarding flow by 20%.
- Created design systems, wireframes, and interactive prototypes in Figma, ensuring cross-platform consistency.
- Collaborated with developers, reducing design-to-development time by 30% and improving release efficiency.

Skills

AI/ML: TensorFlow, Scikit-learn, Gemini API, LangChain, NLP, Computer Vision, Diffusion Models

Backend & Databases: Flask, Firebase, Firestore, PostgreSQL, REST APIs

Programming: Python, JavaScript

Tools: GitHub, Docker, Figma, Blender

Projects

AgriHive – AI-based Farming Advisory System Project Link Mar 2025 – Jun 2025
- Developed a server-side AI system for plant disease detection with 92% classification accuracy.
- Integrated Gemini API and OpenWeather API for real-time multilingual crop recommendations.
- Built with Flutter, Firebase, and TensorFlow, enabling seamless access for 100+ test users.

TechFest Website Project Link Dec 2024
- Built a responsive parallax website with smooth animations, improving event engagement.
- Optimized performance, achieving <1.5s load time on Vercel deployment.

Mini Projects
- **Walmart Guidance Bot** – AI chatbot recommending products using LangChain, Gemini API, Flask, and PostgreSQL.
- **Phone Book Web App** – CRUD-based app with MySQL backend for managing contact details (PHP, JS).

Leadership & Achievements

- Signed an MoU with Manipur Technology Innovation Hub (2025)
- Top 60 Finalist – NER Hackathon (Nationwide, 2025): Built an AI system for cloud motion prediction using satellite data; shortlisted from 500+ teams across India.
- Core Team Member – Ahouba TechFest Design (2024–2025): Led the UI/UX revamp of TechFest website, increasing event registration by 25%.
- Co-Lead – IIITM Editorial Board (2024–Present)

Certifications & Interests

- GDG On Campus Solution Challenge Certificate – Google Developers Group (Aug 2025) View Credential
- Graph Theory Programming Camp – AlgoUniversity Completed 17 advanced graph problems under the mentorship of Codeforces Master Manas Kumar Verma.
- **Interests** - Basketball, Sketching, Robotics