Piyush Mahamuni

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PROFILE

Skilled AI Engineer and Full stack Developer with expertise in Python, deep learning, and building user-centric AI and web solutions. Proven ability to design innovative products through data-driven insights and collaborative problem-solving.

EDUCATION

MIT College of Railway Engineering and Research Barshi*, India*
Bachelor of Technology in **Computer Science**

2021 – 2025

- Among the top 5% of the batch, GPA: 8.57
- Honours Degree in Artificial Intelligence and Machine Learning

SKILLS

Languages: JavaScript, Python

Frameworks & Libraries: Bootstrap, Express.js, Material UI, Next.js, Node.js, PyTorch, React.js, Scikit- learn, Tailwind, TensorFlow

Data Science & Visualization: Matplotlib, NumPy, Pandas, Power BI

Databases: Firebase, MongoDB, PostgreSQL

UI/UX Design: Figma, Prototyping, User Research, Wireframing

Tools & DevOps: Agentic AI, AWS, Docker, GitHub, N8N

EXPERIENCE

Lighthouse Communities Foundation, Pune, India
Full Stack Developer Intern | 01/2025 – 04/2025

- Developed and managed the Aatmanirbhar website with RESTful APIs and created marketing materials to enhance brand presence.
- Conducted user research and data analysis with Power BI to support design improvements and strategic decisions.

YBI Foundation (ISO Certified)
Data Science Intern | 09/2024 – 11/2024

- Worked on AI/ML projects including data preprocessing, model training, and developing predictive models and chatbots.
- Performed exploratory data analysis and visualization to drive data-driven decision-making.

PROJECTS

- **Aatmanirbhar**: Developed an entrepreneurial marketplace platform empowering local businesses to showcase products and success stories.

- **J.A.R.V.I.S AI Virtual Assistant**: Engineered AI assistant with voice recognition, NLP, and task automation for web searches and email handling.

- **Earthvyavastha Tourism Website**: Launched a tourism website featuring a hotel management system for easy booking and improved user engagement.

- **QuestifyAI:** an innovative AI-powered SaaS platform designed to gamify and personalize interview practice, enhancing user readiness through smart coaching and progress tracking.