Arihant Jain

Email: jarihant220@email.com — Mobile: +91 6395816686   GitHub — Portfolio —

Full-Stack AI Engineer skilled in **Machine Learning**, **Deep Learning**, and **NLP** using **PyTorch**, **TensorFlow**, **LangChain**, and **OpenAI API**. Experienced in developing **end-to-end web applications** with **React.js**, **Next.js**, **Node.js**, and **MongoDB**/**PostgreSQL**. Proficient in deploying **scalable AI solutions** using **Docker**, **AWS**, and **Vercel** with strong knowledge of **Git** and **CI/CD**.

Technical Skills

Languages:	**Python**, **Java**, **JavaScript**, **TypeScript**, **C++**
Frontend:	**React.js**, **Next.js**, HTML5, CSS3, **Tailwind CSS**
Backend:	**Node.js**, **Express.js**, **MongoDB**, **PostgreSQL**, REST APIs, GraphQL
AI & ML:	**Machine Learning** (**scikit-learn**), **Deep Learning** (**PyTorch**, **TensorFlow**), **NLP**, **LangChain**, **OpenAI API**
Tools & DevOps:	**Git**, **GitHub**, **Docker**, **Postman**, **CI/CD** , **AWS**, **Vercel**

Projects

Stock Market AI Analyzer   *Jan 2025 – Mar 2025*
- Built an **AI-powered stock prediction dashboard** using **LSTM, Prophet, and scikit-learn** with **92% accuracy**.
- Developed a responsive **Next.js + Tailwind CSS** frontend, integrated real-time APIs, and deployed on **Vercel**.

Multi-Modal Disaster Response System   *Oct 2024 – Dec 2024*
- Created an AI system combining **CNN-based satellite image analysis** and **NLP on social data** to detect disaster zones.
- Deployed a **React.js + GraphQL** dashboard reducing disaster alert delays by **35%**.

AI-Driven Personal Finance Copilot   *Aug 2024 – Oct 2024*
- Developed an intelligent assistant using **LangChain + GPT-4 + financial APIs** for budgeting and fraud detection.
- Built a secure **Next.js + MongoDB** PWA with **OAuth2 authentication** and deployed with **99.9% uptime**.

Work Experience

UI/UX Developer Intern — Codetech Solution   *July 2024 – Aug 2024*
Hyderabad   *Remote Internship*
- Designed responsive web interfaces for client applications using **Figma** and **Adobe XD**, following modern **UX/UI** standards.
- Delivered interactive **wireframes** and scalable **design systems** to accelerate frontend development workflows.
- Collaborated with cross-functional teams to enhance **user experience** through iterative feedback and **usability**

Certificates

Programming in Python (IIT Bombay)   *April 2025*
- Completed a hands-on course covering **Python syntax**, **control structures**, **functions**, and **file operations**.
- Practiced writing **modular** and **reusable code** using data structures like **lists**, **dictionaries**, and **sets**.

Programming in C (IIT Bombay)   *April 2024*
- Studied **procedural programming**, including **loops**, **arrays**, **pointers**, and **memory management** tech.
- Wrote **C programs** focused on **algorithmic problem-solving** and **low-level memory access**.

Education

Teerthanker Mahaveer University	*Aug 2022 – June 2025*
Moradabad, India	*BCA ; GPA: 8.5*
Milton Public School	*July 2021 – Mar 2022*
Agra, India	*Senior Secondary (12th), CBSE; 65%*
Milton Public School	*July 2019 – Mar 2020*
Agra, India	*Secondary (10th), CBSE; 75%*