

MOHAMMED FAIZAN

AI Engineer — Full-Stack Developer

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PROFESSIONAL SUMMARY

Results-driven AI Engineer & Full-Stack Developer with expertise in LLM fine-tuning, RAG pipelines, computer vision, and scalable web platforms. Proven record of delivering automation and AI solutions that cut processing times by 95%, boost team productivity by 70%. Skilled in Python, Next.js, MongoDB, Docker, and cloud-native technologies.

EXPERIENCE

AI Engineer

Dec 2023 – Present

Adaptive AI Ventures, Singapore (Remote)

- Digitized 1000+ paper-based records by building an AI-powered OCR & computer vision pipeline, improving data accessibility by 80%.
- Reduced invoice processing time by 95% through automation, boosting team productivity by 70%.
- Designed and deployed enterprise AI solutions, fine-tuning LLMs (OpenAI, Llama2, Mistral) with accuracy improvements of up to 30%.
- Developed scalable full-stack platforms with Next.js, Node.js, MongoDB, and TailwindCSS for global clients.

Web Developer (Intern)

June 2023 – Nov 2023

AboveTheWings, London (Remote)

- Integrated Amadeus API for real-time flight booking, reducing search latency by 40%.
- Built secure APIs with Express.js handling 100+ daily queries with 99.9% uptime.
- Led Agile project workflows via JIRA, ensuring 100% on-time project delivery.

EDUCATION

Master of Computer Applications (MCA), CGPA: 9.0

2022 – 2024

Government College of Engineering, Aurangabad

Bachelor of Science (BSc), Computer Science

2019 – 2022

Maulana Azad College, Aurangabad

CERTIFICATIONS

Automation Business Analysis - Concepts and Principles

Jan 2025

UiPath

Prompt Engineering for Developers

May 2024

DeepLearning.AI

PROJECTS

Online File Encryption/Decryption Tool [\[Link\]](#)

- Built a browser-based AES-CBC encryption tool with drag-drop UI, enabling secure file protection entirely in-browser.

Text-to-Speech Converter [\[Link\]](#)

- Developed a multilingual TTS web app using Web Speech API for accessibility, learning, and assistive use cases.

TECHNICAL SKILLS

AI/ML: LLM Fine-Tuning, RAG, NLP (HuggingFace, LangChain), Computer Vision, OCR

Web Development: Next.js, React, Node.js, Tailwind, ShadcnUI, Express.js

Databases: MongoDB, SQL

Programming: Python, JavaScript/TypeScript, Java

Tools: Kubernetes, Docker, Google Cloud Platform, Git, JIRA

Core Competencies: Client Consulting, Strategic Planning, Leadership, Communication

LEADERSHIP & VOLUNTEERING

Class Representative & Student Council Member, GECA Aurangabad (2022–2024): Led 20+ hackathons, coding competitions, and tech events.

Volunteering Interests: Human Rights, Economic Empowerment, Education, Technology, Welfare, Sustainability.