

FAIZ KHATRI

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SUMMARY

Google Certified Machine Learning Engineer with 4+ years of experience in Machine Learning, Data Science, Generative AI & Agentic AI. Strong proficiency in Python programming, RESTful API development, and agentic AI systems. Experienced in leveraging cloud platforms like Google Cloud Services (GCS) and AWS to build scalable solutions. Passionate about developing AI-driven applications leveraging Large Language Models (LLMs) to deliver impactful, intelligent systems.

EXPERIENCE

Generative AI Cloud Engineer

Niveus Solutions. | Mumbai, India

Nov 2024 - Present

Leading a team of developers in designing and delivering AI-driven solutions across multiple domains, with a strong focus on Agentic AI. Responsible for end-to-end architecture, from system design to code implementation. Actively involved in R&D, solving complex client challenges using Generative AI and LLMs. Skilled in prompt engineering and building scalable, cloud-native applications on GCP.

Software Engineer – Machine Learning

Gray Matrix. | Mumbai, India

Nov 2022 - Nov 2024

Worked on AI/ML projects across government, insurance, and banking domains, leveraging TensorFlow (LSTM models) and the RASA framework. Played a key role in transitioning Talkk.ai, Gray Matrix's flagship conversational AI product, from traditional AI to Generative AI, making it cloud-native and deployable on AWS, Azure, and GCP. Later led the Generative AI research team, driving innovation and implementation. Promoted within the organization and, in the final 6 months of my 2-year tenure, led a team to deliver scalable AI solutions.

Machine Learning Intern

Imarticus. | Mumbai, India

Aug 2021 - Aug 2022

Completed a comprehensive 12-month program focused on advanced Deep Learning concepts with hands-on exposure to real-world industry projects. Collaborated closely with industry mentors and senior professionals to understand end-to-end workflows in AI product development. Gained practical experience in Natural Language Processing (NLP), Computer Vision, and model development using TensorFlow, building solutions aligned with current industry standards.

Data Science Intern

Board-Infinity. | Mumbai, India

Nov 2020 - May 2021

Completed a 6-month intensive program focused on Data Science and Machine Learning. Gained hands-on experience through real-world projects involving data analysis, Python programming, and ML algorithms. Developed a strong foundation in data preprocessing, exploratory data analysis (EDA), model building, and evaluation. This experience laid the groundwork for deeper exploration into AI and advanced ML techniques.

EDUCATION

MBA (Data Science)

Manipal Jaipur University | Remote, India

Oct 2027

Pursuing Distance MBA with Manipal Jaipur University, it will be completed in 2027.

Bachelor of Engineering (B.E.)

Mumbai University | Mumbai, India

Nov 2020

Completed Bachelor of Engineering in Electrical Engineering from University of Mumbai in 2020 with a CGPA of 7.02.

REWARDS & CERTIFICATIONS

- Google Certified Machine Learning Engineer
- Innovation Icon Award – Gray Matrix (2024)
- Employee of the Quarter – Gray Matrix (Q4, 2023)
- DataCamp Certified Python Developer

SKILLS

- Leadership & Architecture: Team leadership, project architecture design, POC development, framework development
- AI & Machine Learning: Generative AI, Agentic AI, Machine Learning, Deep Learning, Neural Networks, RAG (Retrieval-Augmented Generation), LLMs, LangChain, Crew AI, Agent Development Kit
- Natural Language & Vision: NLP, Computer Vision, Prompt Engineering, RASA
- Programming & Frameworks: Python, Node.js, React, Fast API, Streamlit, RESTful API development
- ML Frameworks: TensorFlow, PyTorch
- Databases & Querying: MongoDB, PostgreSQL, BigQuery, Redis
- Cloud & DevOps: GCP, AWS, Azure, Docker
- Operating Systems: Linux, Windows

KEY PROJECTS

- Talkk.ai (Product): Co-developed a Node.js-based platform to build and deploy omnichannel chatbots for enterprise communication.
- MAIA (Gov. of Mauritius): GenAI-powered FAQ and use-case assistant to support citizens with government-related queries.
- IP Saathi (Gov. of India): GenAI-driven virtual assistant for patents, trademarks, and copyright services under the Ministry of Commerce.
- AiREC (Product): AI-based resume evaluation and HR workflow automation tool to streamline recruitment processes.
- AirAsia (Malaysia): Agentic AI solution using Gemini for natural language querying across massive internal datasets and data lakes.
- Whymed (USA): Agentic AI-powered application designed to analyze symptoms and assist users in understanding medical conditions with intelligent recommendations.