

Kashiful Haque

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Software Engineer with over 2 YOE in Backend and AI/ML at Fiery Digital India (an Epson company). Studied Data Science at IIT Madras.

Work Experience

Machine Learning Engineer

American Express

02/2025 – Present

Bengaluru, India

Associate Software Engineer

Fiery (an Epson company)

07/2023 – 02/2025

Bengaluru, India

- Built AskDB, a platform for upper management to know how the company is performing.
- Built an audio fingerprinting solution to identify ads played on TV.
- Built RAG based FieryGPT using LLaMa 3.1 LLM, trained LoRA adapter on company data for QnA.
- [Led development of “Beacon”](#), used LLM to automate print requests coming via email and natural language.
- **Tech:** TypeScript, Python, FastAPI, huggingface, Transformers, vLLM, ollama, ImageMagick, PyTorch, Qdrant, Docker, Numpy, Pandas

Data Scientist, Intern

Electronics for Imaging

01/2023 – 07/2023

Bengaluru, India

- Cost-effective results compared to costly Photoshop APIs.
- Built a product mockup solution using ImageMagick and Node.js
- **Tech:** TypeScript, Angular, Node.js, Python, Flask, ImageMagick, MySQL, NLTK, spaCy

Fullstack Developer, Intern

Corteva Agriscience

07/2022 – 12/2022

Hyderabad, India

- Migrated Flask monolith to scalable APIs, separating out backend and frontend.
- Codebase optimizations which resulted faster AutoML job triggering on Kubernetes.
- **Tech:** Python, Flask, Docker

Education

Indian Institute of Technology Madras

Bachelor of Science, Data Science and Applications

2020 – 2024

Projects

Boo • [git repo](#)

Python, Discord.py, Go, PostgreSQL, Cloudflare Workers, Linode

Odeer • [git repo](#)

Go, Gin, Cloudflare

Skills

- Python, TypeScript, C, C++, Rust, Go
- Node.js, Express.js, Vue, Angular, FastAPI, Flask, Tailwind
- NumPy, Pandas, scikit-learn, Pytorch, huggingface, JAX, NLTK, spaCy, CUDA
- Vector database, Qdrant, SQL, MySQL, SQLite, Redis, Docker, Git, Linux