

Kashiful Haque

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Software Engineer with more than 2 years of experience in Backend Development, Data Science, AI and ML. Expertise in NER, NLP, fine-tuning LLMs, Generative AI and building RAG solutions. Studied Data Science at IIT Madras.

Work Experience

Associate Software Engineer

Fiery (an Epson company)

07/2023 – Present

Bangalore, India

- 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.

Data Scientist, Intern

Electronics for Imaging

01/2023 – 07/2023

Bangalore, India

- Cost-effective results compared to costly Photoshop APIs.
- Built a product mockup solution using ImageMagick and Node.js

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.

Education

Indian Institute of Technology Madras

Bachelor of Science, Data Science and Applications

2020 – 2024

University of Calcutta

Bachelor of Technology, Electronics and Communications Engineering

2016 – 2019

Projects

Boo • [git repo](#)

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

Odeer • [git repo](#)

Go, Gin, Cloudflare

Skills

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