

# Kashiful Haque

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Software Engineer with almost 3 YOE in Machine Learning and Backend Development. Current Engineer III @ AMEX.

## Work Experience

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### Engineer III

02/2025 – Present

*American Express (client for IntraEdge)*

*Bengaluru, India*

- Building internal bots which live summary webex meetings
- Building a search engine for company confluence pages, can be queried using natural language

### Associate Software Engineer

07/2023 – 02/2025

*Fiery (an Epson company)*

*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

01/2023 – 07/2023

*Fiery (an Epson company)*

*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

07/2022 – 12/2022

*Corteva Agriscience*

*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

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### Indian Institute of Technology Madras

2020 – 2024

Bachelor of Science, *Data Science and Applications*

## Projects

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### Boo • [git repo](#)

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

### Odeer • [git repo](#)

*Go, Gin, Cloudflare*

## Skills

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