Kashiful Haque

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education.

Indian Institute of Technology Madras 12/2020 – 09/2024
Bachelor of Science, *Data Science and Applications*

University of Calcutta 08/2016 – 03/2019
Bachelor of Technology, *Electronics and Communications Engineering*

work experience.

Fiery (formerly known as EFI) 07/2023 – Present
Associate Software Engineer, Data Science Bengaluru, India

- Improved product image mockup generation by a significant amount.
- Built a pipeline to identify ads played on commercial stations like TV, etc.
- Working on vector databases for similarity matching of images and text to enhance search experience.
- Implemented Retrieval-Augmented Generation pipline using Qdrant vector DB and fed into Phi-2/Mistral-7B trained on company dataset.

Fiery (formerly known as EFI) 01/2023 – 07/2023
Data Scientist, Intern Bengaluru, India

- Improved efficiency by developing a pipeline to eliminate manual labour in text extraction.
- Created realistic conversational dataset to amplify accuracy of text classification model.
- Built cost-effective solution for creating product mockups using ImageMagick & Node.js/Python, surpassing results of expensive Photoshop APIs hence saving significant costs for the company.

Corteva AgriScience 07/2022 – 12/2022
Fullstack Developer, Intern Hyderabad, India

- Improved Flask codebase resulting in 30% faster AutoML job triggering on Kubernetes.
- Led migration of Flask monolith to scalable REST API microservices, reducing deployment time by 40%
- Worked under Corteva AgriScience incubation centre @ CIE, IIITH

skills.

programming languages
- Python, JavaScript, TypeScript, Java, Rust, C, C++, Go

web frameworks
- Node.js, Express.js, Vue, Angular, FastAPI, Flask

data science & machine learning
- NumPy, Pandas, scikit-learn, Pytorch, HuggingFace

databases
- MySQL, SQLite, SQLAlchemy, Knex.js

other tools
- Git, GitHub, VS Code, Linux (Arch btw), NeoVim, Docker