kashiful haque

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Data Scientist specialising in Natural Language Processing (NLP). Demonstrated expertise in developing NLP pipelines, enhancing text extraction efficiency, and improving accuracy of text classification models. Skilled in leveraging NLP techniques and methodologies to drive automation, optimize processes, and deliver impactful solutions.

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
- Working on AWS Serverless stack.
- Working on building an ad database to implement an multi-model algorithm to identify ads and capture user metrics.

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

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

web frameworks
- Angular, Vue

backend frameworks
- FastAPI, Flask, Node.js

databases
- SQL, MySQL, PostgreSQL, SQLite, SQLAlchemy, Prisma

other tech
- Git, GitHub, VS Code, Docker, Linux

projects.

Product Mockups using ImageMagick & Node.js/Python • blog post • git repo
ImageMagick, Bash, Node.js, Python
- Starter code to help get started with creating product mockups programatically