

# 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.

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**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.

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**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.

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### programming languages

- Python, JavaScript, TypeScript, Java, Rust

### data science & machine learning

- NumPy, Pandas, scikit-learn, TensorFlow, Pytorch, HuggingFace

### web frameworks

- Angular, Vue

### backend frameworks

- Flask, Node.js

### databases

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

### other tech

- Git, GitHub, VS Code, Docker, Linux

## projects.

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**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