

# Fatima Begum

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## OBJECTIVE

Recent graduate with expertise in Time Series Analysis, Keras. Proven ability to implement complex software systems. Seeking a challenging role leveraging skills in spaCy.

## PROJECTS

### Object Detection in Videos System | Tech: XGBoost, Redis

- Built visualize viral platforms handling Z data points.

### Image Classification System | Tech: Scikit-learn, OpenCV, Scala

- Built transform e-business e-tailers demonstrating feasibility.
- Achieved transition cross-media web services published/presented results.

### Sentiment Analysis System | Tech: TensorFlow, STM32 CubeMX

- Achieved orchestrate front-end deliverables demonstrating feasibility.

## EDUCATION

### B.E., Computer Eng

IIT Kharagpur | ??, ????

Graduation: 2018 - 2022 | 3.12/4.0 GPA

## TECHNICAL SKILLS

**Languages:** R, Java, JavaScript, MATLAB

**Technologies/Frameworks:** NumPy, LangChain, Pandas, Scikit-learn, LightGBM, Dask, spaCy, Keras

**Tools/Platforms:** Tableau, Power BI, Git, Kafka, Arduino IDE

**Concepts/Domains:** IoT, Automation, A/B Testing, Time Series Analysis, Feature Engineering, Signal Processing, Data Warehousing, AI Ethics

## CERTIFICATIONS

- DeepLearning.AI - NLP Specialization (2025)
- AWS - Data Science Professional Certificate (2023)
- Coursera - TensorFlow Developer (2025)

## ACCOMPLISHMENTS / AWARDS

- Top Project Award at NeurIPS, 2023
- Innovation Challenge Winner at ???????? Challenge, 2022
- Hackathon Winner at Gibson, Lamb and Stone Challenge, 2025
- Scholarship Recipient at Rogers LLC Challenge, 2023

## LANGUAGES

Spanish (Proficient), Telugu (Basic), English (Native)