Ashwath Elangovan

Student, Aspiring ML Engineer

Contact Information

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Summary

Sophomore at IIT Hyderabad with experience in working on a multitude of ML projects, spanning the domains of NLP, CV, forecasting and transfer learning. Experienced at using generative AI such as Gemini and ChatGPT, both via UI and API, for tasks such as RAG and question-answering.

Technical Skills

- ML frameworks: PyTorch, TensorFlow

- Programming languages: Python, C, C++, Dart, Javascript and more

- Development frameworks: Flutter, ReactJS, Flask, Express and more

- Databases: MySQL, MongoDB and Firebase

Projects and Experience

- Completed a certified training programme in ML with an end-to-end project.

- Developed an LSTM-based stock price predictor with e-mail alerts and visualisation of stock data with analysis metrics

- Experienced in developing and deploying CNNs for style-transfer, multi-class image classification, and GANs.

- Developed a facial-recognition system based on an identification-recognition system using DL and similarity metrics(to be deployed).

- Experienced in working with and building language models for sequence-to-sequence problems.

- Experienced in leveraging generative AI to solve problems(open-domain question-answering, RAG, conversations, etc) and build applications.

Education

BTech Artificial Intelligence, IIT Hyderabad(2023-present, ongoing)

- Coursework: ML theory, Programming for AI

Certifications

- Training Program in Machine Learning

- Course on NLP with Transformers

Certificates available on LinkedIn