Dheeraj Gajula

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EDUCATION

B.E in computer science and engineering   2020 – present
Dayanda Sagar college of engineering 8.7 CGPA   Bangalore, India

SKILLS

Machine learning	Backend / DataBase	Tools	Programming Languages
TensorFlow, PyTorch, SkLearn, OpenCV, NLP, Hugging face	Flask, FastAPI, Firebase, MongoDB	Git, GitHub, Linux, Postman	Python, Java, c/c++, Dart

PROFESSIONAL EXPERIENCE

Artificial Intelligence Intern   04/2023 – present
Project-Nirmaya 🔗
- A startup funded by IIT-Bilahi
- ML based application which finds the credit worthiness of providing a loan to the poor
- Developed various algorithms like persona-based classification, SMS extracted classifications etc to know the credit-worthiness of the user

Software Engineering intern   06/2022 – 12/2022
Brane Enterprises 🔗
- collaborated with DevOps team to develop a robust pipeline to automate functions, enhancing efficiency and reducing manual effort
- Executed multiple health check tasks to ensure smooth functioning of systems

Machine Learning Apprenticeship   07/2022 – 08/2022
Amazon 🔗
- Selected as an apprenticeship at amazon ML summer school
- Learn various algorithms used at amazon, taught by ML researchers at amazon

PROJECTS

Green Guru 🔗
A one stop for farmers
- Deep learning and NLP based chatbot for emotional and technical support
- Location , Photo, weather (API based on location) ,Soil based crop and fertiliser prediction and recommendation
- Fine tuned RSNET18 and trained it for the disease dataset

Tenali 🔗
Fastening Judging process
- speeding up the judgement process in the courts
- Found the most similar cases to the previous one (cosine-similarity, key-word matching and TF-IDF)
- Used ANN to classify urgency and stage of the case based on the tags that were assigned to them
- Used BART text summarizer to summerize the subject of the case till that hearing

AWARDS

Smart India Hackthon @2022 winner
DRDO
- problem statement NR1174
- Built Tenali Application
- Machine Learning engineer for the team

Finalist @ UIA
Ministry of Education
- one of the 220 people that got selected by Ministry of Education to represent india at UNESCO India Africa Hackathon

COURSES

Machine Learning for all 🔗
University of London

Natural Language Processing 🔗
Infosys

Assembly Language from ground up 🔗
Infosys

Pragmatic approach to cyber security 🔗
CDAC - centre for development and advance computing