Kanak Mittal

Developer / Designer / Data Scientist

A hard-working, goal-oriented problem solver with exceptional presentation skills seeking an entry-level position as a Software Developer.

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▣ devpost.com/kanakmi

⌗ github.com/kanakmi

EDUCATION

B.Tech
Graphic Era University, Dehradun

07/2019 - 06/2023   9.61 GPA

PERSONAL PROJECTS

Delta Diagnose (Chest MRI Classifier) (99% accuracy)
- Designed a Convolutional Neural Network to diagnose chest MRIs for COVID-19 and Viral Pneumonia with an accuracy of 99% and a good balance between Precision and Recall. The best-trained model was saved and its API was deployed to Heroku.
- Project Repository - kanakmi/Delta-Diagnose: A project that can classify Chest X-Ray Images as Covid, Viral Pneumonia, and Normal. (github.com)
- Built Using - Python, TensorFlow, Keras, FastAPI, Streamlit
- The UI of the project was designed and deployed using Streamlit

Recipe Parser
- Recipe Parser is a common recipe website with AI capabilities
- Project Repository - kanakmi/Recipe-Parser: A Recipe Website with AI Capabilities (github.com)
- Using this website, people can search for different recipes by searching for their name or uploading a photo of the dish.
- A recipe recommendation system also suggest relevant recipes similar to the searched recipe.

WORK EXPERIENCE

Software Development Intern
Hirbox

06/2021 - 09/2021   Brooklyn, NY (Remote)

Achievements/Tasks
- Worked remotely with the teams of New York and India on the development of a Machine Learning Algorithm that could extract and process relevant information from a candidate's resume and propose relevant job opportunities and could equally be used by recruiters to sort out relevant resumes matching the job profile.

PRISM Research Intern
Samsung

09/2021 - Present   Bangalore (Remote)

Achievements/Tasks
- Working on Optimal topology management of IAB Networks using AI/ML to enhance UE coverage and meet the desired QoS

SKILLS

Java   Python   C++   JavaScript   Scala

TensorFlow   Flask   FastAPI   Git   Docker

SQL   MongoDB   Node.js   PHP   AWS

ACHIEVEMENTS

2nd Overall and Data Science Mastermind at ToConnect Hackathon (08/2021)
Working in a team of 3 and competing with around 1000 participants worldwide, created Delta Diagnose Project and won 2nd Overall + Data Science Mastermind challenge.

Won Daycation Hack (07/2021)
Virtually working in a team of 3 individuals, designed a web-app MoneyTrek that could be used to split bills during trips. Users need to click a picture of the bill and our app automatically fetches the total amount from the bill and split it among added friends

Won 18 Hackathons so far with the most notable ones mentioned above

ORGANIZATIONS

Google Developer Students Club (09/2021 - Present)
As a Tech Lead, I am guiding and mentoring other students, helping them in building projects, solving their doubts, and organizing events.

CERTIFICATES

Microsoft Certified: Azure Data Scientist Associate (02/2021 - 02/2023)

Deep Learning Specialization (08/2021)
Completed all 5 courses including all the programming exercises of the Deep Learning Specialization offered by Coursera

LANGUAGES

English
Full Professional Proficiency

Hindi
Native or Bilingual Proficiency