IPSIT DAS

Ipsit Das | +91 9310686787 | GitHub | LinkedIn | Leetcode | Website

OBJECTIVE

Enthusiastic software engineer with a good foundation in AI, experienced in PyTorch, TensorFlow, Django, and React. Demonstrated problem-solving skills with top competitive coding rankings. Committed to continuous learning and impactful AI-driven projects.

PROJECTS

Photo To Anime Converter | *GANs, Computer Vision, PyTorch, Streamlit*   **June 2024**
- Explores **style transfer techniques** using **cycle GAN** with **Identity Loss.**
- Translates natural images to anime images in the styles of Hayao Miyazaki and Makoto Shinkai.
- Application link

Image Caption Generator | *Computer Vision, Natural Language Processing, PyTorch, Gradio*   **May 2024**
- Used **Roberta** and **ViT** fine-tuned on **flickr 10k** dataset
- **ROUGE2:** Precision = 0.114700, Recall = 0.124500, F1 = 0.114100
- Application link

English POS Tagger | *Natural Language Processing, Streamlit*   **March 2024**
- Used **Hidden Markov Model** and **Viterbi Decoding**
- **Weighted Avg. :** Precision = 0.54, Recall = 0.51, F1 = 0.52
- Application link

HoMan | *Django, React, SQLite, Redux*   **May 2023**
- Made a full stack web application using **Django** and **React.js** to manage the hostel.
- **SQLite** is used as database with **Redux** for stage management
- Admin page: admin   user page: user page

SKILLS

Languages   C/C++, Java, Python, JavaScript, HTML/CSS, SQL
Frameworks   PyTorch, NumPy, Scikit-Learn, Matplotlib, Pandas, React.js, Django, Streamlit, TensorFlow, Keras, Flask
Fundamentals   Artificial Intelligence, Deep Learning, Database Management, Natural Language Processing, Computer Vision

ACHIEVEMENTS

- Over 450 problems on leetcode
- In the top 26.77% of coders on LeetCode at a rating of 1564.
- Secured position in top 1% among 16686 candidates in NPTEL Online Certification Exam on Cloud Computing

EDUCATION

National Institute of Technology, Andhra Pradesh — *B.Tech CSE*   **NOVEMBER 2021 - Present**
8.39 CGPA
Vishwa Bharati Public School, Noida, Uttar Pradesh — *XII*
90.8%

CLUBS AND ACTIVITIES

GDSC NIT Andhra Pradesh | *Associate Web Developer*
- Collaborated with the team of students for creating and maintaining the front-end of **GDSC Website** using **Next.Js**
- Contributed by creating the profile page for displaying the information about the team members.