

# IPSIT DAS



Ipsit Das



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GitHub



LinkedIn



Leetcode



Website

## SUMMARY

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% 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.