

Ipsit Das

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GitHub: github.com/icode100 | Website: icode100.github.io
LeetCode: leetcode.com/icode100 | CodeChef: codechef.com/users/icode100

EDUCATION

National Institute of Technology, Andhra Pradesh <i>B.Tech CSE</i>	November 2021 - Present 8.30 CGPA
Vishwa Bharati Public School, Noida <i>XII (CBSE)</i>	90.8%
Neeraj Public School, Rajnandgaon <i>X (CBSE)</i>	10.00 CGPA

PROJECTS

Revsy <i>React, firebase, Langchain</i>	May 2025
<ul style="list-style-type: none">Programmed ReactJs website to keep track of revisions of subjects with added provision of dsa problems and their notes using markdown.Architected two types of pages Problems and Concepts.Used firebase auth for authenticating users and firestore as databaseUsed Gemini 2.0 flash API and Langchain for summarization of problem description added by the user against the notesApplication GitHub	
Laplace Embedding for Complex Query Answering <i>Knowledge Graphs, Mathematics, PyTorch</i>	April 2025
<ul style="list-style-type: none">Utilized Laplace distribution to build and train model for answering complex logical queries over knowledge graphsEngineered and trained model over prominent benchmarking datasets FB15k-237 and NELLThe model surpasses current state of the art probabilistic model over FB15k-237 by over 5% in all the metrics MRR, Hit@1, Hits@3 and Hits@10GitHub	
Photo To Anime Converter <i>GANs, Computer Vision, PyTorch, Streamlit</i>	June 2024
<ul style="list-style-type: none">Conducted experiments with Cycle GANs to explore Neural Style Transfer Techniques, achieving high accuracy in image transformations and enhancing visual applications.Engineered a model that seamlessly translates natural images into animated counterparts, enhancing visual creativity and realism in two anime styles.Trained the model with more than 6000 images for over 10 hours on T4 GPUs.Application GitHub	
HoMan <i>Django, React, SQLite, Redux</i>	May 2023
<ul style="list-style-type: none">Developed "HoMan," a full-stack web application using Django and React.js for hostel management at NIT Andhra Pradesh.Automated mess credit adjustments based on student leave days and streamlined outing management workflows.Digitized approval processes for security and hostel administrations, replacing traditional hard-copy forms.Leveraged Django Admin and SQLite for efficient data management and logging of student outing records.GitHub Video Demonstrations: Admin Page Users Page	

SKILLS

Languages: C++, Python, SQL, Java, JavaScript, HTML/CSS
Tools: PyTorch, NumPy, Scikit-Learn, Matplotlib, Pandas, React.js, Django, Streamlit, TensorFlow, Keras, Flask, Hadoop
Fundamentals: Data Structures and Algorithms, System Design(LLD &HLD), Microservices Architecture (Distributed Systems), Database Management, Artificial Intelligence, Deep Learning, Natural Language Processing, Computer Vision, Unix based Shell Scripting, Continuous Integration and Continuous Development, Big Data Analysis

ACHIEVEMENTS

- **Knight** on LeetCode with best rating of 1911 and among top 4% LeetCodeers.
- Achieved a global rank of 390 in Weekly Contest 446 on LeetCode.
- 3-star on CodeChef with a max-rating of 1608.
- Achieved a Global rank of 128 in CodeChef starters 170.
- Secured position in top 1% among 16,686 candidates in NPTEL Online Certification Exam on [Cloud Computing](#)
- Secured position in top 5% among 3358 candidates in NPTEL Online Certification Exam on [RSAI](#)

CLUBS AND ACTIVITIES

Google Developer Student Club, NIT Andhra Pradesh <i>Associate Web Developer</i>
<ul style="list-style-type: none">• Collaborated closely with a cross-functional team to design and launch the GDSC website's front-end, optimized for mobile devices, ensuring broad accessibility.• Contributed to the development of the team members' profile page, showcasing detailed information and contributing to enhanced user experience and team visibility.• Certificate