

# Ipsit Das

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GitHub: [github.com/icode100](https://github.com/icode100) | Website: [icode100.github.io](https://icode100.github.io)  
LeetCode: [leetcode.com/icode100](https://leetcode.com/icode100) | CodeChef: [codechef.com/users/icode100](https://www.codechef.com/users/icode100)

## EDUCATION

National Institute of Technology, Andhra Pradesh  
B.Tech CSE

2021 - 2025  
8.38 CGPA

## EXPERIENCE

Oracle Financial Services Software |Associate Technical Consultant

June 2025 - Present

- Currently undergoing comprehensive training in core banking services, enterprise software architecture, and financial application development.
- Gaining hands-on experience with **Spring Boot**, **Java**, and **Oracle SQL** to build and maintain scalable banking service applications.
- Working in a collaborative agile environment to understand the financial domain, including modules like account management, fund transfers, and transaction tracking.
- Practicing software development lifecycle principles including requirement analysis, design, development, testing, and deployment.
- Actively participating in code reviews, peer learning sessions, and internal hackathons to sharpen full-stack development and problem-solving skills.

## PROJECTS

Revsy |React, firebase, Langchain

May 2025

- 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 database
- Used **Gemini 2.0 flash API** and **Langchain** for summarization of problem description added by the user against the notes
- [Application](#) |[GitHub](#)

Laplace Embedding for Complex Query Answering |Knowledge Graphs, Mathematics, PyTorch

April 2025

- Utilized **Laplace distribution** to build and train model for answering complex logical queries over **knowledge graphs**
- Engineered and trained model over prominent benchmarking datasets **FB15k-237** and **NELL**
- The 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@10**
- [GitHub](#)

HoMan |Django, React, SQLite, Redux

May 2023

- 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:** Python, Java, C++, SQL, JavaScript, HTML/CSS  
**Tools:** J2EE, 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 |Associate Web Developer

- 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](#)