Ipsit Das

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LeetCode: leetcode.com/icode100 | CodeChef: codechef.com/users/icode100

EXPERIENCE

Oracle Financial Services Software | *Associate Technical Consultant*   June 2025 – Present

- Working on implementation and deployment of **Oracle Banking microservice-based architecture** for an offshore enterprise banking client.
- Designing and developing **automation scripts in Python and Shell** to streamline service deployments, configuration management, and environment setup, reducing manual intervention and deployment errors.
- Deploying, configuring, and managing **Java-based microservices** on **Oracle WebLogic Server**, including creation and maintenance of **managed servers**, clusters, and application domains.
- Supporting end-to-end deployment life-cycle across multiple environments (DEV / SIT / UAT), ensuring service availability, correct configuration, and smooth roll-outs.
- Collaborating with cross-functional teams to troubleshoot deployment issues, analyze logs, and resolve runtime failures related to application startup, networking, and configuration.
- Applying **core Java, Spring Boot, and Oracle SQL** knowledge while working closely with enterprise-grade banking services such as account management, payments, and transaction processing.
- Following industry-standard **SDLC and DevOps practices**, including version control, scripted deployments, environment consistency, and operational reliability.

EDUCATION

National Institute of Technology, Andhra Pradesh   2021 - 2025
B.Tech CSE   **8.38 CGPA**

CERTIFICATIONS

- Certified Oracle Cloud Infrastructure Foundation Associate: Certificate
- Certified Oracle Cloud Infrastructure Generative AI professional: Certificate
- Certified Oracle Cloud Infrastructure AI Foundation Associate: Certificate

ACHIEVEMENTS

- **Knight** on LeetCode (Max Rating: 1911, Top 4% globally).
- Global Rank **390** in the LeetCode Weekly Contest 446.
- **3-Star** CodeChef (Max Rating: 1608).
- Collaborated as an Associate Web Developer at the Google Developer Student Club - Certificate
- Secured a position in the top 1% of 16,686 candidates in the NPTEL Online Certification Exam on Cloud Computing
- Secured a position in the top 5% of 3358 candidates in the NPTEL Online Certification Exam at RSAI

PROJECTS

Revsy | *React, Firebase, LangChain*   May 2025

- Engineered a **React.js** web application to manage DSA problem tracking and structured revision notes with full **Markdown** support.
- Designed scalable **Concept** and **Problem** page modules with complete **CRUD workflows** and state-driven UI updates.
- Implemented secure user authentication using **Firebase Auth** and designed persistent data storage with **Firestore**.
- Integrated **Gemini 2.0 Flash API** via **LangChain** to automatically summarize problem descriptions and enhance learning efficiency.
- 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 the current state of the art probabilistic model over FB15k-237 by more **than 5%** in all 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 hostel and security 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 Architechture (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