

DISHANT ZAVERI

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EDUCATION

Texas A&M University

Master of Computer Science

Aug 2024 – May 2026

College Station, Texas

University of Mumbai

Dec 2020 – May 2024

B.Tech in Computer Science with **Honors** in Intelligent Computing — CGPA: 9.5/10

Mumbai, India

TECHNICAL SKILLS

Languages & Frameworks : Python, C, C++, JavaScript, Java, C#, Golang, React, Spring Boot, R, PyTorch, Tensorflow, Vue
Tools & Platforms : Sass, Git, Github, AWS, Docker, Kubernetes, Tableau, Power BI, Linux, Unix, Azure, Spark, Jenkins, Jira
Databases & Interests : PostgreSQL, Oracle, MongoDB, MySQL, NLP, ML, CV, Operating Systems, Computer Networking
Miscellaneous : Data Science, App Development, Data Structures & Algorithms, Web Development, DevOps, Communication

PROFESSIONAL EXPERIENCE

Indian Institute of Technology Patna

Jul 2023 – Jun 2024

Natural Language Processing Intern

Remote

- Improved **dataset quality** by 40% by scraping and annotating **20,000+ peer reviews** from ICLR, OpenReview, and NIPS.
- Enhanced **analysis** by 25% through developing **multi-task models** with SciBERT, BERT-Base, and Bi-LSTM, and created POS, SciBERT Embeds, BiLSTM, and FFNN models, achieving **90% accuracy** in annotation predictions.
- Pioneered **RPoliteness** library for feature extraction and politeness score prediction, providing **30% precise insights**.

Earnest Data Analytics Private Limited

Jan 2023 – Jun 2023

Flutter and Machine Learning Developer

Mumbai, India

- Devised **segmentation algorithms**, boosting **customer retention** by 15% through personalized strategies.
- Implemented RFM, Churn, Cohort analysis, CLV, CLTV, RFM-D Models, and clustering for **customer segmentation**, and optimized ML models on **Amazon SageMaker**, enhancing precision and **forecasting reliability** by 20% and 25%.
- Refined UI and functional features for India's top Savings Card on Play Store, **increasing downloads** by 30%.

Jobs Territory Private Limited

Jul 2022 – Dec 2022

Software Developer

Bangalore, India

- Crafted a hybrid app using React Native and conducted extensive testing using **Jenkins**, **reducing debugging time** by 40%.
- Developed a responsive website to **promote women empowerment**, resulting in a 50% increase in user engagement.
- Enhanced performance using Redux for **asynchronous API calls**, reducing loading speed by 25%.

Sapio Analytica Private Limited

Oct 2021 – Jun 2022

Associate Project Manager and Software Developer

Mumbai, India

- Designed and deployed an innovative Python model using **PyTorch and TensorFlow**, boosting system efficiency by 40%.
- Boosted **Census credibility** by 35% using advanced image processing to accurately estimate **GeoJSON coordinates**.
- Led a high-performing team, increasing project deliverability and efficiency by **50% through strategic management**.

PROJECTS

Foxtrot - Financial fraud detection 🌐 | NLP, LLM, LangChain, LSTM, RNN, Neo4j

May 2023 – Dec 2023

- Engineered a **Deep Learning Model**, achieving a 95% accuracy rate in **detecting prize fluctuations** for risk assessment.
- Generated **anomaly detection graphs** that flagged potential insider trades with **90% precision** based on criticality levels and leveraged **Langchain** to fetch data from a knowledge graph, enhancing the fidelity of **insights** by 40%.

CarGPT - Predictive model 🌐 | Paddle OCR, VGG16, Sparse HStack, Streamlit, SAM.

Dec 2022 – April 2023

- Implemented **Paddle OCR and VGG16** for damage analysis, increasing prediction correctness by 20%.
- Constructed a **Sparse HStack** of OHE attributes and developed a **Sparse Multi-Layer Perceptron Model**, enhancing processing efficiency by 35% and attaining 90% certainty in price prediction, deployed on **Streamlit**.

MentorDots - Interaction platform 🌐 | React, Redux, React Native, ML, Blockchain, Django, Firebase

Jun 2022 – Nov 2022

- Created a platform connecting 50+ mentors with 100+ entrepreneurs, facilitating **effective mentorship and funding**.
- Supervised a team of 6 programmers, overseeing UI design, API integration, bug testing, and model deployment, achieving a **30% increase in development efficiency** and secured \$50,000 in **financial support from incubators** for the project.

ACHIEVEMENTS & CO-CURRICULAR ACTIVITIES

- Won the Singapore India International Hackathon and Smart India Hackathon**, awarded by the **Prime Minister of India and Singapore** for GenAI systems and entrepreneurial mentorship applications jointly organized by **AICTE and NTU**. 🏆
- Secured 2nd place at **UNESCO's India Africa** and **won 15+ Hackathons**, among 600 participants from 22 countries. 🏆