

# NITISH THOTAKURA

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## EDUCATION

University of North Texas, Denton, Texas.

August 2024 – May 2026

M.S. Computer Science, GPA: 3.85/4.0

Koneru Lakshmaiah Education Foundation, Vijayawada, India.

November 2020 – May 2024

Bachelor of Technology (Honors), Computer Science and Engineering, CGPA: 9.07/10

## EXPERIENCE

University of North Texas

June 2025 – Present

Vice President - Programming and Outreach, Graduate Student Council

- Assisting graduate students with academic, transportation, and campus-related concerns by acting as a liaison between students and university administration.
- Analyzed event participation data using Power BI, identified key engagement trends, and designed subsequent programs that increased student participation and satisfaction.
- Coordinated event logistics including room booking, vendor communication, and scheduling, ensuring smooth execution of council initiatives.

Google Developer Student Clubs

August 2022 – July 2023

Android Lead

- Led a team of 20 members, organized into sub-teams specializing in Google technologies like Cloud, Android, and Flutter.
- Organized and Conducted hands-on workshops and tech sessions on App development and Flutter, managing events with 50-100 students, which enhanced quick adaptability skill in handling diverse learning environments.

## PROJECTS

Leet ML | GitHub Repository: [https://github.com/Nitish-888/leet\\_ml](https://github.com/Nitish-888/leet_ml)

August 2024 – December 2024

Technologies: React, Svelte, Astro, Turso DB, HTML, CSS

- Designed an interactive online ML learning platform within which a code can be executed interactively like compiler, built with Astro, React, and Svelte, powered by Turso DB for efficient data processing.
- Implemented a secure authentication system utilizing Google OAuth and Two-Factor Authentication (2FA), along with Stripe payments and OTP based Email service to gain access to premium content.
- Designed a complete admin panel for easy management of users, delivery of content, and running the platform, thus ensuring a wholesome learning experience.
- Applied SQL for database queries and OOP principles for modular and maintainable code and also integrated cloud-based infrastructure for scalability and performance optimization.

Vehicle Management System | GitHub Repository: <https://github.com/Nitish-888/VMSS>

August 2021 – December 2021

Technologies: Node JS, Express, MongoDB, React, API

- Development of a web-based vehicle management platform for tracking, servicing, and user management, ensuring an uninterrupted operational flow.
- Applied Node JS, Express, and MongoDB for backend API communication, ensuring real-time data updating and effective service tracking.

## TECHNICAL CERTIFICATIONS

- [AWS Certified Developer Associate](#)
- [Microsoft Certified: Azure Data Scientist Associate](#)
- [Red Hat Certified Enterprise Application Developer](#)

## SKILLS

Languages: Python, C++, Java, JavaScript, HTML, CSS, SQL.

Technologies: Git, React, Node JS, MySQL, MongoDB, Figma (UI/UX), Django, AWS, Docker, Kubernetes.