

# Mohammed Ariz Siddiqui

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## EDUCATION:

SRM Institute of Science and Technology Bachelor's in Technology, Computer Science and Engineering	Jul 2023
Indian Institute of Technology, Madras Bachelor's in Science, Programming and Data Science	Apr 2024
The University of Texas at Dallas Master of Science, Computer Science	Jan 2026

## PROFESSIONAL EXPERIENCE:

<b>Techjockey Infotech Private Limited</b> <i>Software Apprentice</i>	Jun 2023 - Nov 2023
<ul style="list-style-type: none"><li>Started and developed multiple pilot projects to introduce various new features on the platform.</li><li>Migrated the Review module of the platform from PHP to JavaScript using Next.js.</li><li>Modified existing frameworks and libraries to optimize the migrated module.</li></ul>	
<b>Gahan AI Private Limited (in collaboration with NVIDIA Corporation)</b> <i>Machine Learning Intern</i>	Oct 2021 - Apr 2022
<ul style="list-style-type: none"><li>Explored several proprietary machine learning SDKs to implement end-to-end pipelines for Computer Vision, Speech AI, and Natural Language Processing applications.</li><li>Published easy-to-understand blogs for developers new to the NVIDIA Developer ecosystem on Medium.</li><li>Managed multiple NVIDIA Deep Learning Institute (DLI) workshops as a Teaching Assistant.</li><li>Audited multiple courses at the DLI to be used in workshops.</li></ul>	

## TECHNICAL SKILLS:

- Operating Systems:** Windows, macOS, Linux
- Programming Languages:** C, C++, Python, Java, Swift, bash/zsh, HTML, CSS, JavaScript, node.js, git, AWK/sed
- Databases:** MySQL, Oracle, Postgres, MongoDB, Azure SQL
- Cloud Technologies:** Microsoft Azure, Amazon AWS
- High-Performance Computing:** Docker, NVIDIA CUDA
- Frameworks/Toolkits:** Bootstrap, Flask, NumPy, Pandas, OpenCV, Scikit-learn, Seaborn, TensorFlow, PyTorch, Nvidia DeepStream, Nvidia Riva, Nvidia Clara, Nvidia NeMO, Nvidia TAO Toolkit, Vue 3, React, LangChain, Next.js 13, Auth.js, Nuxt3, Tailwind CSS, Prisma ORM
- Certifications:** Fundamentals of Accelerated Data Science (NVIDIA 2022), Applications of AI for Anomaly Detection (NVIDIA 2022), Building Conversational AI Applications (NVIDIA 2022), Student Expert (Postman 2021)

## VOLUNTEER:

Associate Technical Lead, Microsoft Learn Student Ambassadors SRM	Aug 2019 - Nov 2021
Committee Head (Highlights), Aaruush	Jul 2019 - Jan 2021

## PROJECTS:

- Onscreen Writer using Hand Pose Detection (Swift)
- Lexicon — Browser Extension for Automatic Tag Recommendation for blogs (HTML, CSS, JavaScript, Python)
- Vue.js Devtools extension for Safari — A port of the official vue.js devtools extension for Google Chrome (bash, Swift, JavaScript)
- CLIK — Command Line Interface (CLI) for storing secret keys and OAuth tokens (Python, bash)
- Student Enrolment Prediction (Python)
- Ticket Show — (HTML, CSS, Python)
- Landmarks — Application to track and store information on natural landmarks (Swift)
- Introduction to DeepStream SDK (Python, Docker)
- LearnIrula — Android application to protect an endangered language from extinction (node.js, Azure, MongoDB, React Native)
- clean.sh — A shell script to identify and remove purgeable space on macOS (Bash/ZSH)

## PUBLICATIONS:

**Revitalizing the Irula Language through Mobile Language Learning Application**  
Submitted to ReCALL, Cambridge University Press — Manuscript ID: [REC-2023-0066](#)