

Mohd Ariz Siddiqui

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Portfolio: <https://www.arizsiddiqui.me> | Blog: <https://medium.com/@arizsiddiqui>

EDUCATION:

- SRM Institute of Science and Technology (2019 - 2023)
Bachelor's in Technology (B.Tech) - Computer Science and Technology
- Indian Institute of Technology, Madras (2021- 2023)
Bachelor's in Science (B.Sc.) - Programming and Data Science

EXPERIENCE:

(10/21 - 03/22)
Bengaluru, India

Gahan AI Private Limited (in collaboration with NVIDIA Corporation)
Intern — Machine Learning

Achievements:

- Worked with Senior Solutions Architect at NVIDIA, Mr Amit Kumar.
- Explored a number of proprietary machine learning SDKs to implement end-to-end pipelines for Computer Vision, Speech AI and Natural Language Processing applications.
- Published easy-to-understand blogs for developers new to the NVIDIA Developer ecosystem on Medium.
- Managed multiple NVIDIA Deep Learning Institute (DLI) workshops as a Teaching Assistant.
- Audited multiple courses at the DLI to be used in workshops.

(09/19 - 11/21)
Chennai, India

Microsoft Learn Student Ambassadors, SRM
Associate Technical Lead

Achievements:

- Collaborated on multiple projects on diverse technical applications, including an NLP-based browser extension for tag recommendation for blogs, a CLI for keeping API and OAuth tokens safe.
- Maintained club website till design revamp.
- Hosted a webinar teaching the basics of Python using a simple Hangman game.
- Served on the organising committee and moderated a hackathon, Resonate, with 500+ participants.

(08/19 - 10/21)
Chennai, India

Aaruush
Committee Head - Highlights

Achievements:

- Helped organise one of the largest techno-management fests in India, with direct charge of the Highlights committee.
 - Directly handled guest invitation and itinerary management, from transport logistics to fooding and lodging.
 - Personally tended to multiple high-profile guests
- Directly handled a team of 67 Committee Members, with additional charge of 40 Volunteers.

TECHNICAL SKILLS:

- General Programming Skills: Python, C, C++, Java, Swift, Bash/zsh, HTML, CSS, JavaScript, node.js, Oracle, MySQL, git, awk/sed, Docker.
- Frameworks/Toolkits: Bootstrap, Flask, SQLAlchemy, NumPy, Pandas, OpenCV, scikit-learn, Seaborn, TensorFlow, PyTorch, Nvidia DeepStream, Nvidia Riva, Nvidia Clara, Nvidia NeMO, Nvidia TAO Toolkit.

CERTIFICATIONS:

- **Nvidia DLI**: Fundamentals of Accelerated Data Science, Applications of AI for Anomaly Detection, Building Conversational AI Applications.
- **Postman**: Postman Student Expert

PROJECTS:

- Onscreen Writer using Hand Pose Detection (Swift)
- Lexicon — Browser Extension for Automatic Tag Recommendation for blogs (HTML, CSS, JavaScript, Python)
- CLIK — Command Line Interface (CLI) for storing secret keys and OAuth tokens (Python, bash)
- Boston House Price Prediction (Python)
- Student Enrolment Prediction (Python)
- Quantified Self Health Tracker (HTML, CSS, Python)
- arizsiddiqui.me Portfolio (HTML, CSS, JavaScript)
- Landmarks — Application to track and store information of natural landmarks (Swift)
- Introduction to DeepStream SDK (Python, Docker)
- Introduction to Clara SDK (Python, Docker)
- Introduction to Riva SDK (Python, Docker)
- Introduction to NeMo Toolkit (Python, Docker)
- Revitalizing the Irula Language through Mobile Language Learning Application

PUBLICATIONS:

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