Mohammad Ansah Kuriyodath

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Education

Bachelor of Technology, *Sardar Vallabhbhai National Institute of Technology, SVNIT*

2021 – 2025 | Surat, India

Major in Computer Science and Engineering.
Expected May 2025
Cumulative GPA: 3.58/4.0;
Relevant Coursework: Computer Architecture & Organization, Algorithms, Artificial Intelligence, Web development
Positions: ACM Executive, GDSC Develope

Projects

Thermal Image Super Resolution

03/2023

Contributed to the development of a Deep Learning Architecture for the Thermal Image Super Resolution challenge **PBVS '23**, which aimed to generate high-resolution thermal images using **deep learning** techniques

REPORT.AI ⧉

02/2023

- Worked on the Report.AI web extension as a part of DotSlash 6.0.
- Developed a web extension that can provide a comprehensive summary of a webpage, answer queries, and rate the page using the GPT-3 API.
- Utilized various technologies such as **HTML, CSS, JavaScript, and Flask.**

CODE TO ALGORITHM COMPILER ⧉

11/2022

- Designed and developed a **Python-based compiler** that converts Python code into an algorithm.
- Utilized **Flask** to create a user-friendly interface that allows for easy input and output of code.

Achievements

- Top **10** in PBVS 2023
- Top **2%** in IBM Quantum Challenge 2021
- Qiskit **Silver Level** Translator
- Top **50** among 1000 participants in Dotslash

Professional Experience

QAMP SPRING 2023 MENTEE, *IBM* ⧉

04/2023 – 06/2023

Worked on a project to develop an application for tracking Trials in Qiskit using **Python**.
My responsibilities include:

- Creating the application to efficiently track and manage Trials.
- Implementing the API backend using **Django Rest Framework**.
- Integrating the storage system with the **S3** backend for seamless data storage and retrieval.

Qiskit Advocate, *IBM*

09/2021 – present

- Advocated for Qiskit Events in the local community.
- Founded a Qiskit club introducing IBM Quantum and Qiskit among 200 enthusiasts.
- Mentored in IBM Quantum Fall Challenge 2022 and various Qiskit events where 1640 participated.
- Introduced Qiskit & Quantum Computing at my College.

Qiskit Malayalam Localisation Lead, *IBM*

11/2021 – 01/2021

- Led a group of 5 translating 24% of the Qiskit Documentation to Malayalam making it accessible to the Malayalam community.
- Enhanced the inclusion of Malayalees into the field of Qiskit and Quantum Computing.

Skills

Data Science
Machine Learning, Deep Learning, PyTorch, Tensorflow

Web Development
Django, Flask, S3

Technical
Python, C, C++, SQL, Git

Soft Skills
Communication, Time Management, Adaptability, Problem Solving, Team Work