

Mohammad Ansah Kuriyodath

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EDUCATION

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

WORK EXPERIENCE

IBM

Remote

Qiskit Advocate

September 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.

IBM

Remote

Qiskit Malayalam Localisation Lead

November 2021- January 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.

PROJECTS

Thermal Image Super Resolution

March 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.
- Collaborated with team members to develop and test the architecture, gaining valuable insights into the field of **image processing and deep learning**.

REPORT.AI

February 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** to achieve the project goal.

CODE TO ALGORITHM COMPILER

November 2022

- Designed and developed a **Python-based compiler** that automatically converts Python code into an algorithm.

- Utilized **Flask** to create a user-friendly interface that allows for easy input and output of code.

DEVTOOLS VS-CODE EXTENSION

January 2022

- Built a Developer tools extension for Visual Studio Code using **JavaScript** and **Python**.
- Designed to promote the health and well-being of programmers by providing useful features such as Eye-Care, Sedentary reminders, and Task Management.

ACTIVITIES

QTANGLED Co-Founder

June 2021 – September 2021

- Founded a non-profit organization to provide Free Quantum Education to High-Schoolers
- Organized and advertised Quantum workshops in which More than 200 participated.
- Collaborated with C4T and other Educational partners in providing free study materials.

AWARDS AND CERTIFICATIONS

- IBM Quantum Developer
- Top 10 in **PBVS 2023**
- Top 50 among 1000 teams in DotSlash
- Qiskit Localization - **Silver Level Translator**
- Data Structures and Algorithms
- Project Management
- Data Science
- Deep Learning Specialization
- **Top 2%** in IBM Quantum Challenge 2021

ADDITIONAL

Technical Skills: Python, Javascript, C++, C, HTML, CSS, Machine Learning, Deep Learning, Data Structures, Git, Github, Flask, Tensorflow, PyTorch

Languages: English, Malayalam, Hindi, Telugu