

Arindom Aich

Final year undergraduate (B.Tech)
Computer Science and Engineering
Tezpur University

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Experience

Intern, [C-DAC Pune](#) | [Certificate](#)

July, 2023 - August, 2023

- Contributed to 5G simulation testbed using UERANSIM and Open5GS.

Web Development Intern, [Navalogy Club](#), Tezpur University | [Certificate](#)

April, 2023 - June, 2023

- Intern for MeitY funded IoMT project titled “Ensuring QoS in Internet of Medical Things using Software-Defined Networking”.

Key Projects

5G Testbed as a Service with Application Performance Monitoring

January, 2024 - present

- Python, Open5gs, UERANSIM, SDN
- Developing a 5G testbed service integrated with SDN technologies, to offer real-time application performance monitoring for insights into network behavior and application responsiveness.
- Supervised by Dr. Anil Kumar Gupta, Associate Director, C-DAC, Pune.

Ensuring QoS in IoMT using SDN

July, 2023 - January, 2024

- React, TypeScript, Laraval, MySQL, Python, Fog computing, Apache Cassandra
- MeitY funded project where we developed an environment for connectivity between doctors and patients, while ensuring optimal performance with hardware integration.
- Mentored by Dr. Nabajyoti Medhi, Assistant Professor, Deptt. of CSE, Tezpur University..

Course Projects

Citation Management System | [Github repository](#)

May, 2023 - June, 2023

- FLASK, HTML, CSS, JS, Jinja2, SQLite
- Developed a web app for citation management for research publications.

Speaker Identification | [Github repository](#)

September, 2023

- Python, Machine learning
- Developed a lightweight GMM package for speaker identification utilizing MFCC.

Technical Skills

Language: C, C++, Python, JavaScript, TypeScript, Matlab, Assembly, SQL, PHP

Tools : Open5gs, UERANSIM, Flask, React, SQLite, Tailwind, NodeJS, ExpressJS, Apache Cassandra, RYU Controller.

Education

Tezpur University

8th Semester, Bachelor of Computer Science and Engineering

CGPA: 7.95 (Till 7th Sem)

Napaam, Tezpur

November,2020 - June,2024

Ramanujan Junior College

Science, AHSEC (XII)

Percentage: 79.2

Nagaon

June,2017 - March,2019

Achievement

Secured 2nd position in [BrainBox - An idea presenting competition](#) organized by Tezpur University Robotics Society.

Position of Responsibility

Technical Coordinator and Graphic Designer

Tezpur University Robotics Society

Tezpur University, Tezpur

August 2022 - Present

Training and Placement Coordinator (CSE Deptt.)

Training and Placement Cell (Engineering), Tezpur University

Tezpur University, Tezpur

September 2023 - Present