

Arindom Aich

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

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Experience

Intern, Octopi Labs India Pvt. Ltd.	March, 2024 - Present
<ul style="list-style-type: none">Designing, developing, and testing software applications in Java and React.	
Intern, C-DAC Pune Certificate	July, 2023 - August, 2023
<ul style="list-style-type: none">Contributed to 5G simulation testbed using UERANSIM and Open5GS.	
Web Development Intern, Navalogy Club , Tezpur University Certificate	April, 2023 - June, 2023
<ul style="list-style-type: none">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
<ul style="list-style-type: none">Python, Open5gs, UERANSIM, SDNDeveloping 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
<ul style="list-style-type: none">React, TypeScript, Laraval, MySQL, Python, Fog computing, Apache CassandraMeitY 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
<ul style="list-style-type: none">FLASK, HTML, CSS, JS, Jinja2, SQLiteDeveloped a web app for citation management for research publications.	
Speaker Identification Github repository	September, 2023
<ul style="list-style-type: none">Python, Machine learningDeveloped a lightweight GMM package for speaker identification utilizing MFCC.	

Technical Skills

Language: C, C++, Python, JavaScript, TypeScript, Java, Matlab, SQL
Tools : Open5gs, UERANSIM, Flask, React, SQLite, Tailwind, Spring Boot, Apache Cassandra, RYU Controller.

Education

Tezpur University	Napaam, Tezpur
8th Semester, Bachelor of Computer Science and Engineering	November,2020 - June,2024
CGPA: 7.95 (Till 7th Sem)	

Achievements

- GATE CS/IT (2024) qualified | [Scorecard](#)
- Secured 2nd position in [BrainBox - An idea presenting competition](#) organized by TURS.

Position of Responsibility

Technical Coordinator and Graphic Designer Tezpur University Robotics Society	Tezpur University, Tezpur August 2022 - December,2023
Training and Placement Coordinator (CSE Deptt.) Training and Placement Cell (Engineering), Tezpur University	Tezpur University, Tezpur September 2023 - March, 2023