

# Arindom Aich

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

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## Experience

<b>Intern, <a href="#">Octopi Labs India Pvt. Ltd.</a></b>	March, 2024 - Present
<ul style="list-style-type: none"><li>Designing, developing, and testing software applications, with a dedicated focus on researching innovative solutions to address technical issues.</li></ul>	
<b>Intern, <a href="#">C-DAC Pune</a>   <a href="#">Certificate</a></b>	July, 2023 - August, 2023
<ul style="list-style-type: none"><li>Contributed to 5G simulation testbed using UERANSIM and Open5GS.</li></ul>	
<b>Web Development Intern, <a href="#">Navalogy Club</a>, Tezpur University   <a href="#">Certificate</a></b>	April, 2023 - June, 2023
<ul style="list-style-type: none"><li>Intern for MeitY funded IoMT project titled “Ensuring QoS in Internet of Medical Things using Software-Defined Networking”.</li></ul>	

## Key Projects

<b>5G Testbed as a Service with Application Performance Monitoring</b>	January, 2024 - present
<ul style="list-style-type: none"><li>Python, Open5gs, UERANSIM, SDN</li><li>Developing a 5G testbed service integrated with SDN technologies, to offer real-time application performance monitoring for insights into network behavior and application responsiveness.</li><li>Supervised by Dr. Anil Kumar Gupta, Associate Director, C-DAC, Pune.</li></ul>	
<b>Ensuring QoS in IoMT using SDN</b>	July, 2023 - January, 2024
<ul style="list-style-type: none"><li>React, TypeScript, Laraval, MySQL, Python, Fog computing, Apache Cassandra</li><li>MeitY funded project where we developed an environment for connectivity between doctors and patients, while ensuring optimal performance with hardware integration.</li><li>Mentored by Dr. Nabajyoti Medhi, Assistant Professor, Deptt. of CSE, Tezpur University..</li></ul>	

## Course Projects

<b>Citation Management System   <a href="#">Github repository</a></b>	May, 2023 - June, 2023
<ul style="list-style-type: none"><li>FLASK, HTML, CSS, JS, Jinja2, SQLite</li><li>Developed a web app for citation management for research publications.</li></ul>	
<b>Speaker Identification   <a href="#">Github repository</a></b>	September, 2023
<ul style="list-style-type: none"><li>Python, Machine learning</li><li>Developed a lightweight GMM package for speaker identification utilizing MFCC.</li></ul>	

## 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

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

## Achievement

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

## Position of Responsibility

<b>Technical Coordinator and Graphic Designer</b> Tezpur University Robotics Society	Tezpur University, Tezpur August 2022 - Present
<b>Training and Placement Coordinator (CSE Deptt.)</b> Training and Placement Cell (Engineering), Tezpur University	Tezpur University, Tezpur September 2023 - Present