

Arindom Aich

SDE-1, Octopi Labs, Bengaluru

B.Tech.(CSE), Tezpur University

[Github](#) | [LinkedIn](#) | [Portfolio](#) | arindomaich2@gmail.com | +91 8721902905

Experience

Software Development Engineer - 1, [Octopi Labs India Pvt. Ltd.](#)

September, 2024 - Present

- Collaborated with cross-functional teams to develop scalable software solutions and enhanced software performance to deliver end-to-end solutions specializing in GenAI and backend.
- **Tech** : Java, Spring Boot, Python, LLMs, LangChain, FastAPI, Hibernate, MySQL, MongoDB, Docker, React.
- **Projects** :
 - [aiRen](#) : A cutting-edge AI-powered platform designed to enhance the e-commerce customer experience through personalized product recommendations, virtual try-ons, and advanced behavioral analysis.
 - [Coremax](#) : Designed and implemented a comprehensive medical platform reducing administrative overhead by 40% through integrated data management and billing systems.
 - [Gasolina](#) : Developed a seamless solution for wallet payments at gas stations with a multi-level user management system and secure QR payment.
 - [Resonance](#) : Developed the backend for a bio-field stress relief application with multiple tier subscription, voice analysis and an MLM structure.

Software Development Intern, [Octopi Labs India Pvt. Ltd.](#) | [Certificate](#)

March, 2024 - August, 2024

- **Tech** : Java, Spring Boot, Hibernate, MySQL, Docker, React.
- **Project** :
 - [Rent-savvy](#) : Developed a platform for brokers, financial institutions, and tenants to streamline financing processes with DocuSign integration for digital tenancy agreement among multiple parties.

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

July, 2023 - August, 2023

- **Tech** : Open5GS, UERANSIM, Python, Ubuntu
- **Project** :
 - *Advancements in 5G simulation testbed integration: Leveraging UERANSIM and Open5GS for enhanced network performance evaluation.*

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

April, 2023 - June, 2023

- **Tech** : React, Redux Toolkit
- **Project** :
 - *Ensuring QoS in Internet of Medical Things (IoMT) using Software-Defined Networking (SDN)*, funded by MeitY, Govt. of India.

Key Projects

Ensuring QoS in IoMT using SDN | [Certificate](#)

July, 2023 - June, 2024

- MeitY funded project where we developed an environment for connectivity between doctors and patients, while ensuring optimal performance with hardware integration.
- **Tech** : React, TypeScript, Redux toolkit, MySQL, Python, Fog computing, Apache Cassandra, Open5gs, UERANSIM
- Mentored by Dr. Nabajyoti Medhi, Assistant Professor, Deptt. of CSE, Tezpur University.

Speaker Identification | [Github repository](#)

September, 2023

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

Technical Skills

Programming Language: Java, JavaScript, TypeScript, Python, C/C++, Matlab, SQL

Tools : Spring Boot, Hibernate, MySQL, Flask, React, LangChain, ChromaDB, Streamlit, SQLite, Docker, Open5gs, UERANSIM, Apache Cassandra, Docker

Education

Tezpur University

Bachelor of Computer Science and Engineering

CGPA: 8.04

Tezpur, Assam

November, 2020 - June, 2024

Ramanujan Junior College

Higher Secondary, AHSEC

Percentage: 79.20

Nagaon, Assam

June, 2017 - June, 2019

Sankardev Shishu/Vidya Niketan

HSLC, SEBA

Percentage: 88.83

Biswanath Chariali, Assam

January, 2005 - May, 2017

Achievements

- **GATE CS** (2024) qualified | [Scorecard](#)
- Patent published for "**IoT based hospital network system with openflow QoS support and Cloud/FOG offloading**" (Application No : 202331068011)
- Secured **2nd position** in [BrainBox - An idea presenting competition](#) organized by TURS.

Soft Skills

- Effective collaboration with cross-functional teams
- Strong problem-solving and analytical skills
- Clear and concise communication with diverse audiences
- Quick adaptability to new technologies and workflows
- Leadership and mentorship abilities

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, 2024