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 backend
- **Tech :** Java, Spring Boot, Hibernate, MySQL, Docker, React.
- **Projects :**
  - *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 **"IoMT 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