

Experience

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| Software Development Engineer - 1, Octopi Labs India Pvt. Ltd. | September, 2024 - Present |
| <ul style="list-style-type: none">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 :<ul style="list-style-type: none">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 |
| <ul style="list-style-type: none">Tech : Java, Spring Boot, Hibernate, MySQL, Docker, React.Project :<ul style="list-style-type: none">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 |
| <ul style="list-style-type: none">Tech : Open5GS, UERANSIM, Python, UbuntuProject :<ul style="list-style-type: none"><i>Advancements in 5G simulation testbed integration: Leveraging UERANSIM and Open5GS for enhanced network performance evaluation.</i> | |
| Web Development Intern, Navalogy Club, Tezpur University Certificate | April, 2023 - June, 2023 |
| <ul style="list-style-type: none">Tech : React, Redux ToolkitProject :<ul style="list-style-type: none"><i>Ensuring QoS in Internet of Medical Things (IoMT) using Software-Defined Networking (SDN)</i>, funded by MeitY, Govt. of India. | |

Key Projects

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| Ensuring QoS in IoMT using SDN Certificate | July, 2023 - June, 2024 |
| <ul style="list-style-type: none">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, UERANSIMMentored by Dr. Nabajyoti Medhi, Assistant Professor, Deptt. of CSE, Tezpur University. | |
| Speaker Identification Github repository | September, 2023 |
| <ul style="list-style-type: none">Developed a lightweight GMM package for speaker identification utilizing MFCCTech : 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