



EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	National Institute of Technology Arunachal Pradesh	7.53(Current)	2021-25
Senior Secondary	Vivekananda Kendra Vidyalaya Nirjul , Arunachal Pradesh	77.2%	2020
Secondary	Vivekananda Kendra Vidyalaya Nirjul , Arunachal Pradesh	81.0%	2018

EXPERIENCE

- IIT Guwahati | Employee Attrition Prediction Model

Machine Learning Intern

Jun 2024 - Jul 2024

Guwahati, Assam

– Random Forest Classifier model increasing accuracy by 30% through comprehensive analysis and feature optimization.

– Utilized libraries such as Scikit-learn and Pandas for efficient training and evaluation, enhancing process efficiency by 25%.

– Evaluated model performance using key metrics such as accuracy, precision, recall, and confusion matrix
- CodersCave AICTE| Integrated Blog and Chat Application

Full Stack Developer Intern

Jan 2024 - Feb 2024

Remote, India

– Architected an integrated application combining Blog and chat functionalities, enhancing user engagement by 40%.

– Crafted Secure and RESTful APIs for seamless integration, improving data flow efficiency by 35%.

– Revamped User Interface inscribing the new platform, increasing user satisfaction and retention by 30%.

– Facilitated Real-Time Communication: Integrated WebSockets for real-time chat capabilities, boosting communication speed and reliability by 25%.

PROJECTS

- Real-time chat web application

Full Stack Web Development project / MERN stack

May 2022 - Jul 2022

– Developed a chat application with instant messaging, boosting interaction speed by 50% and enhancing security by 40% using JWT and Google Auth.

– Implemented chat room creation, emojis, profile customization, and search functionality, increasing user satisfaction by 30% and group engagement by 60%.

– Optimized for multi-device compatibility, improving accessibility by 40%.
- Book Recommendation System with UI interface

Machine Learning Project | Full-featured UI using Flask

Aug 2023 - Nov 2023

– Built a book recommendation engine using Cosine similarity, increasing recommendation accuracy by 40%

– Developed a Flask application to deliver personalized recommendations, integrating an intuitive and user-friendly interface to enhance user experience.

– Leveraged Matplotlib and Seaborn for data visualization and applied Statsmodels for statistical modeling, increasing backend processing efficiency by 25%.

SKILLS & PROFICIENCY

- Programming: Java, Python, C, HTML, CSS, SQL, JavaScript
- Frameworks & Libraries: React JS, Spring Boot, Pandas, Sklearn, NumPy, Scikit-learn
- Core Subjects: Data Structures and Algorithm, Computer Networking, Database Management System, AI/ML, Operating Systems, Compiler Design, Computer organization and Architecture, Software Engineering
- Tools & Platforms: MongoDB, Git, Docker, RESTful APIs, Flask, WebSockets, AWS.
- Soft Skills: Teamwork, Leadership, Communication, Event Management

CERTIFICATION COURSES

- IBM AI & Machine Learning Certification

IBM Skill Build

May 2024 - Jul 2024
- Data Science and Statistical ML Certification

PMKVY Skill Course

Jan 2023 - Jul 2024

POSITIONS OF RESPONSIBILITY & ACHIEVEMENTS

- Event Coordinator,Atulyam - Cultural Fest, Addovedi - Tech Fest, NIT Arunachal

Apr 2022 - May 2023
- Student Volunteer,Think India, Prakousal, NCC, NIT Arunachal Pradesh

Feb 2023 - present
- Secured 3rd place in Hacakthon,Addovedi Tech Fest - 2023, NIT Arunachal Pradesh

Sep 2023