

Amlan Mohapatra

Portfolio Website

Connect on LinkedIn

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[Github Profile Link](#)

EDUCATION

- National Institute of Technology, Silchar** Assam, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 8.58 July 2021 - June 2025
- D A V Public School, Pune** Maharashtra, India
Higher Secondary School, CBSE; Percentage: 92.6 July 2019 - June 2021
- D A V Public School, Pune** Maharashtra, India
Elementary and Secondary School, CBSE ; Percentage: 95.4 July 2009 - June 2019

INDUSTRY EXPERIENCE

- Applied Cloud Computing**
Digitization Intern Dec 2023 - Feb 2024
 - Created a Virtual Trial Room for Indian dress trials using AWS S3 for storage and AWS SageMaker for model hosting, enhancing the shopping experience with virtual try-ons.
 - Launched and configured an EC2 instance, set up the environment for training and running the model, and ensured seamless client-server connectivity.
 - Integrated S3 with SageMaker to store and access training data, deployed the trained model, and maintained the system for optimal performance and reliability.
- Minfy Technologies**
AI/ML Intern May 2024 - July 2024
 - Developed a multilingual medical chatbot, integrating AWS services Translate for language support, S3 for data storage and GPT-3's Natural Language Understanding (NLU) for generating relevant responses.
 - Used AWS EC2 for backend processing and integrating APIs, ensuring scalability and smooth communication with external services. Utilized S3 for securely storing medical data and assets.
 - Implemented retrieval-augmented generation (RAG) for fetching relevant medical information, and crafted prompts for enhancing the responsiveness of the language model along with language changing option in UI.

PROJECTS

- Forever Notebook** [Github Link](#)
Web application to manage notes.
 - A full-stack web application for notes management using HTML, CSS, JavaScript for the frontend, and Node.js, Express, and MongoDB for the backend.
 - Implemented CRUD operations through API endpoints, enabling seamless note creation, retrieval, updating, and deletion. JavaScript handles API requests, ensuring smooth communication.
 - Deployed the application using Render for hosting and continuous integration, ensuring efficient and responsive user interactions. This setup ensures the application is always up-to-date, scalable, and accessible.
- Spotify Retro(Clone)** [Link](#)
An app to listen to retro songs.
 - Contains seek and timeline alongwith play/pause buttons.
 - Programs and Tools used: HTML, CSS, JavaScript, Bootstrap, GoogleAPIs, Chrome Developer Tools, GIT.

SKILLS

- Languages:** Python, C, C++, SQL, JAVA, MATLAB, R
- Web Technologies:** HTML, CSS, JavaScript, PHP, ReactJS
- Frameworks:** Bootstrap, ExpressJS
- Tools:** GIT, VSCode, MySQL, MongoDB, Jupyter Notebook, XAMPP, IDLE, MATLAB, RStudio
- Platforms:** Linux, Windows, Github, NodeJS
- Soft Skills:** Leadership, Publicity, Marketing, Public Speaking, Student Outreach, Event Management, Writing

POSITION OF RESPONSIBILITY

- Entrepreneurship Cell, NIT Silchar:** Publicity Head May 2023 - May 2024
Publicity Associate July 2022 - May 2023
- Tecnoesis, NIT Silchar:** Publicity Head Sept 2024 - Oct 2024
Publicity CoHead, Module CoHead Jan 2024 - Feb 2024
Publicity Member, Event Management Member Sept 2022 - Oct 2022

CERTIFICATIONS

- Certification Name:** Programming in C and C++ Certificate, Internshala
- Certification Name:** Web Development Certificate, Internshala
- Certification Name:** Programming with Python, Internshala