Deepranjan Bharali

Roll No.: 2314024
Electronics and Communication Engineering
National Institute Of Technology, Silchar

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EDUCATION

•**National Institute of Technology, Silchar** *2023 - Present*
B.Tech in Electronics and Communication Engineering; CGPA: 8.76 Silchar, India

•**Ramanujan Senior Secondary Academy, Baihata Chariali** *2023*
Higher Secondary (10+2); Percentage: 89.4 Assam, India

•**Sankardev Shishu Vidya Niketon, Ramdia** *2021*
High School; Percentage: 99.33 Assam, India

PROJECTS

Hotel Booking and Rental Web Page
Development (Full-Time) September, 2024

- Used **HTML** and **CSS** to design the main web page.
- Implemented interactivity using **JavaScript**.
- Developed backend functionality with **Node.js** and **Express.js**.
- Utilized **MongoDB** for user data storage.

Spotify Clone
Development (Full-Time) November, 2023 Prototype link

- Designed the UI using **HTML** and **CSS**.
- Implemented a fully **responsive** layout.

AI-Driven Roadway Classification for Vehicle Tracking
Group Project September, 2024

- Model selection and training: scikit-learn, XG Boost
- Map matching : HMM learn
- GNSS data handling: pyproj ,Kalman Filters
- Data pre processing : Pandas

SKILLS

- **Programming Languages**: C, C++, JavaScript
- **Web Technologies**: HTML, CSS, Nodejs, Expressjs, React
- **Developer Tools**: VS Code, Git, GitHub, Arduino IDE
- **Soft Skills**: Leadership, Critical Thinking, Adaptability, Team Work, Communication, Time Management

ACHIEVEMENTS AND CERTIFICATES

•**Google Cloud Skill Boost**: Prompt Design in Vertex AI, Develop GenAI Apps with Gemini and Streamlit, Introduction to Generative AI

- **Supervised Machine Learning**, Regression and Classification

EXTRACURRICULARS

•**Robotics and Embedded Systems**
•**Chess**
•**Football**
•**Painting**