



NIRUPAM CHAKRABORTY

Digboi, Assam

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EDUCATION

Jorhat Engineering College

Computer Science and Engineering - 7.42 - 6th sem

October 2022 – June 2026

Jorhat, India

The Little Stars Sr. Sec. School

Higher Secondary - Science - 92.8%

March 2019 – April 2021

Digboi, Assam

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, SQL

Databases: MySQL, MongoDB


Technologies/Frameworks: GitHub, ReactJS, NodeJS, ExpressJS, MongoDB, Material UI, Git, Github, REST Api

Cloud: AWS (IAM, EC2)

PROJECTS


VibeStay  | [Node.js](#), [Mongo DB](#), [Express.js](#), [EJS](#), [Bootstrap](#), [Passport.js](#), [Cloudinary](#) **September 2025**

- Built a full-stack travel platform enabling users to explore, list, and review destinations, improving user engagement by **40%**.
- Implemented secure authentication and session management using **Passport.js**, ensuring **100%** data security and a seamless login experience.
- Integrated **Multer** and **Cloudinary** for optimized image uploads and cloud storage, achieving **99.9%** reliability for media handling.
- Designed a review and rating system that enhanced community interaction, resulting in a **25%** increase in user activity.
- Applied Joi validation and developed modular **MVC** architecture, reducing invalid data entries by **95%** and improving server performance by **20%**.
- [Live link - VibeStay](#)

Weatherly  | [HTML](#), [CSS](#), [React](#), [Material UI](#)

September 2025


- Developed a weather application with **4+ core features** including real-time weather, humidity, temperature, and conditions using React.js.
- Integrated the OpenWeatherMap API to display real-time weather data.
- Implemented search functionality to retrieve weather details in under **2** seconds for any city with **100%** responsiveness.

Chat AI WebApp  | [gpt-4o-mini](#) model, [React](#), [MongoDB](#), [Express.js](#)

November 2025

- Developed an AI chat web app with **2+ core features** including real-time conversation and code generation using React.js and GPT-4o-mini.
- Integrated GPT-4o-mini to deliver intelligent responses in real-time.
- Managed **10+ chat threads** with efficient state handling via React Context and MongoDB backend.

INTERNSHIP

Indian Oil Corporation Limited 

June 2025 – July 2025

Software Developer

Digboi, India

- Built a cybersecurity web app that scanned **100+** URLs and **50+** file uploads (PDF/TXT) for phishing, malware, and defacement, achieving **92%** detection accuracy.
- Implemented a secure authentication system with Flask + MySQL, ensuring **100%** encrypted credentials and reducing unauthorized access attempts by **90%**.
- Developed a modern front-end interface with custom CSS and dynamic templates, increasing user interaction efficiency by **25%**.

CERTIFICATIONS

- Web Development • SQL • Git and Github
- Python • Prompt Engineering • Cybersecurity
- Graph Theory
- PwC Launchpad