

NIRUPAM CHAKRABORTY

Digboi, Assam

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EDUCATION

Jorhat Engineering College

Computer Sciene 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

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 (real-time weather, humidity, temperature, conditions) using React.js.
- Integrated the OpenWeatherMap API to display real-time weather data including temperature, humidity, and conditions.
- Designed a **100%** responsive UI with Material UI (MUI), improving usability across desktop, tablet, and mobile devices.
- Implemented search functionality enabling users to retrieve weather details in under **2** seconds for any city.

INTERNSHIP

Indian Oil Corporation Limited ↗

Software Developer

June 2025 – July 2025

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