

Debasish Rabha

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PROFILE

I am a 7th-semester Computer Science Engineering student at Jorhat Engineering College with a keen interest in full-stack development, AI, and ML. I am passionate about building efficient and scalable web applications and leveraging AI/ML to solve real-world problems. I am eager to contribute my skills and learn through challenging projects in a professional environment.

EDUCATION

Jorhat Engineering College, Jorhat B.tech Computer Science and Engineering	2022-2026
Pandit Deendayal Upadhaya Mahavidyalaya 12th standard	2018-2020
Daranggiri Higher Secondary School 10th standard	2018

coursework:

Operating System, Object Oriented Programming, Machine learning, Data structure and Algorithm, Computer Networks, Natural Language processing, Database Management System

SKILLS

Programming language: Python, java script, ,Kotlin, c/c++

Freamework and Libraries: Node.js , Express.js, react.js, Flask, Tensorflow

Databases: Mysql , Postgres , Mongodb

Tools and cloud services: Github, vs code , AWS , Postman , Jupyter Notebook, Render

EXPERIENCE

Industrial internship - IOCL Bongaigaon	june 2025 - july 2025
<ul style="list-style-type: none">Developed a Flask-based fuel analysis web app using machine learning to assess and predict fuel quality.Built a web-based Training Management System to manage and display departmental training calendars.Gained exposure to industrial workflows, Teamwork and improved skills in web development, Flask, and ML.	
Research paper - IIIT Guwahati	june 2024 - july 2024
<ul style="list-style-type: none">Conducted research on Gabriel Graphs in computational geometry and network design.Focused on Induced Forest in Gabriel Graph and their properties, and efficient algorithms.	

PROJECT

Restaurant Website (Tholua)  HTML, CSS, JAVASCRIPT, NODE.JS, EXPRESS.JS, POSTGRES, POSTMAN

- Developed a full-stack restaurant website enabling customers to directly place online orders.
- Integrated Razorpay payment gateway for secure and seamless online transactions.
- Implemented real-time order management with dynamic menu updates and responsive design.

Portfolio Website  REACT.JS, JAVASCRIPT, CSS

- Developed a responsive portfolio website to showcase my projects, skills, and achievements using React, JavaScript, and CSS.
- Implemented interactive UI features including project filters, animations for better user experience.
- Added a contact form with email notifications for client/employer communication.

CERTIFICATE

The Complete Full Stack Web Development Bootcamp | Udemy

Cyber security | Infosys Springboard

Agentic AI : From Learner to Builder | Csr box (IBM)

SQL Case Study - SQL Workshop | Infosys Springboard

HOBBIES

Playing Football , Drawing, Playing Guitter , Traveling, Photography