

# 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

<b>Jorhat Engineering College, Jorhat</b> B.tech Computer Science and engeneering	2022-2026
<b>Pandit Deendayal Upadhaya Mahavidyalaya</b> 12th standard	2018-2020
<b>Daranggiri Higher Secondary School</b> 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 , Mongoddb  
**Tools and cloud services:** Github, vs code , AWS , Postman , Jupyter Notebook, Render

## EXPERIENCE

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

## PROJECT

### Resturant 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

- 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.
- Integrated contact form functionality with email notifications to facilitate client/employer communication.

## CERTIFICATE

**The Complete Full Stack Web Development Booycamp** | Udemy  
**Cyber security** | Infosys Springboard  
**Agentic AI : from learn to builder** | Csr box (IBM)  
**SQL Case Study - SQL Workshop** | Infosys Springboard

## HOBBIES

PLAYING FOOTBALL , DRAWING, PLAYING GUITER , TRAVALING, PHOTOGRAPHY