

PIYUSH PATALE

Nashik, India

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EDUCATION

Indian Institute Of Information Technology, Guwahati (IIITG)

Dec. 2021 – May 2025

B.Tech in Computer Science and Engineering (CSE)

Guwahati, Assam

EXPERIENCE

Internship : Pricemate Online Services

July 2023 – Aug. 2023

Full Stack Intern

Guwahati, Assam

- Successfully executed full-stack development, culminating in the creation of an admin panel that enhanced operational efficiency by **25%**.
- Innovated a user-friendly Event Calendar, engineered over 50 CRUD operations, and optimized data representation, leading to a **30%** reduction in data retrieval times.

Research Assistant

Jan. 2024 – Apr. 2024

Machine Learning

Guwahati, Assam

- Partnered with an institute professor to spearhead research on RVFL networks, driving algorithm development and implementation forward.
- gained invaluable hands-on experience in machine learning techniques and optimized model accuracy by **20%** through real-world application and rigorous testing.

PROJECTS

HostelEase : IIIT Guwahati | [GitHub](#) | [Deploy](#) | *MERN Stack*

Apr 2025

- Designed and developed a full-stack Hostel Management System (MERN stack) that is being implemented by the institute as the official platform for hostel operations, enabling both wardens and students to access and manage hostel-related information efficiently and visualize hostel-related data efficiently and transparently.
- Built an intuitive graphical interface and role-based admin dashboard, allowing wardens to seamlessly allocate rooms, view floor-wise occupancy, and manage student data in real time and enabling students to view room details, check floor-wise occupancy, and locate roommates easily.

ImagiAI | [GitHub](#) | [Deploy](#) | *NextJS, ExpressJS, MongoDB, Clerk, Stripe, Cloudinary*

May 2024

- Developed ImagiAI, a NEXT.js SaaS platform featuring 6 AI-powered image editing tools including restoration, generative fill, object removal, recoloring, and background removal.
- Integrated Clerk for secure and robust authentication mechanisms and Stripe for efficient payment processing, significantly enhancing the UI/UX experience and ensuring stringent data privacy standards across the ImagiAI.

FitWell | [GitHub](#) | [Deploy](#) | *ReactJS, MERN Stack, Razorpay, Bootstrap*

Dec. 2023

- Created Fitwell, a full-stack web app consist of 3 Dashboards (User, Admin, Company) combining fitness and E-commerce, utilizing ExpressJS for efficient routing and incorporating cookies for session management.
- Implemented secure authentication with bcrypt, JWT tokens, and session handling, along with Razorpay integration for seamless payments in Fitwell's E-commerce functionality.

SKILLS

Languages: C++ (DSA), C, Java, JavaScript, HTML/CSS, Python, Bash

Frameworks and Libraries: ReactJS, NextJS, NodeJS, ExpressJS, Tailwind, Bootstrap, Material-UI

Databases: MongoDB, MySQL

Tools and Technologies: Docker, Git, Linux, Unix, AWS, Cloudinary Google Firebase

Coursework: Data Structures and Algorithms, OOPs, DBMS, OS, Computer Networks, Compilers, Cloud Computing

ACHIEVEMENTS / EXTRACURRICULAR

- Completed **Google Cloud practitioner skill Boost** obtaining several certificates.
- Spearheaded impactful web and software development projects while leading team in Project Group.
- Solved around 400+ DSA problems on coding platforms.
- Contributed in Converge Walmart Sparkathon.
- Apart from academics, actively engaged as a core member of college's dance club, helping the team secure top positions in inter-college dance competitions.