

# Aditya Raj

✉ aditya0038raj@gmail.com

☎ +91 8092113870

📁 Portfolio

🌐 LinkedIn

🐙 GitHub

## EDUCATION

- **University of Petroleum and Energy Studies, Dehradun** Expected 2026  
B.Tech in Computer Science and Engineering GPA: 8.37/10
- **Gyan Bharti Educational complex, Patna** May 2022  
Class 12 (CBSE) Percentage: 84.2%
- **Gyan Niketan Senior Secondary school, Patna** May 2020  
Class 10 (CBSE) Percentage: 80%

## EXPERIENCE

- **Internship Studio** 🌐 June 2024 - August 2024  
AWS Intern Remote
  - Gained practical experience with AWS Cloud Console, EC2, and IAM roles.
  - Deployed Robot Operating System (ROS) to the cloud, ensuring functionality and performance.
  - Developed problem solving skills and gained hands-on experience through guidance from the Internship Studio team.
- **Green Saver and Welfare NGO** 🌐 May 2023 - July 2023  
Social Intern On-Site, Patna
  - Led a sanitation initiative in a slum area in Patna, improving hygiene and living conditions.
  - Organized a plantation drive to promote sustainability and environmental preservation.
  - Educated local residents about the importance of hygiene in daily life.

## PROJECTS

- **DevConnect** 🔗 May 2025  
React | Node.js | WebSockets | WebRTC | CodeMirror | Piston API
  - Developed a real-time collaborative coding platform with integrated video/audio chat.
  - Enabled WebRTC-based communication and synchronized code editing using CodeMirror.
  - Integrated Piston API for real-time code execution in multiple languages.
  - Added a digital whiteboard for enhanced visual collaboration during sessions.
- **Classroom Vacancy Management System** 🔗 August 2024  
MySQL | Node.js | HTML | CSS
  - Developed a UI for managing classroom bookings with real-time notifications.
  - Implemented role-based access control for students and faculty.
  - Used FCFS algorithm and flag-based checks for room allocation.
  - Data managed with SQL for timetables and reservations.

## SKILLS

- **Programming Languages:** C, Java
- **Web Technologies:** HTML, CSS, Node.js, Express.js
- **Database Systems:** Sql, MongoDB
- **Cloud Technologies:** AWS, Azure, Docker
- **Version Control:** GitHub

## CERTIFICATIONS AND ACHIEVEMENTS

- **Oracle Cloud Infrastructure 2024 Generative AI Certified Professional** July 2024 - July 2026
- **AWS Academy Cloud Architecting** May 2024 - May 2027
- **AWS Academy Introduction to Cloud Semester 2** May 2024 - May 2027
- **AWS Academy Introduction to Cloud Semester 1** November 2023 - November 2026