

# ADITYA RAJ



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Dehradun, Uttarakhand - 248007, India

## EDUCATION

- **University of Petroleum and Energy Studies, Dehradun** Expected May 2026  
GPA: 7.7/10 B.Tech in Computer Science and Engineering
- **Gyan Bharti Educational complex, Patna** May 2022  
Percentage: 84.2% Class 12 (CBSE)
- **Gyan Niketan Senior Secenary school, Patna** May 2020  
Percentage: 80% Class 10 (CBSE)

## 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

- **Classroom Vacancy Management System** August 2024 - Present  
Tools: *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.
- **Pathfinder** Dec 2023 - Jan 2024  
AWS | EC2 | CloudFront | DynamoDB | HTML | CSS
  - Built a SaaS app that recommends personalized career paths based on student interests.
  - Developed a user-friendly front-end with HTML and CSS.
  - Deployed on AWS: EC2 for scalable hosting, CloudFront for content delivery, and DynamoDB for database management.

## SKILLS

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