

Aditya Raj

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📁 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%

EXPERIENCE

- **VSAT Refurb Solutions Pvt Ltd** June 2025 - Present
Full Stack Developer Intern Remote
 - Automated CRM workflows, reducing manual effort by **30%** and improving productivity.
 - Designed, developed, and deployed dynamic web features using JavaScript, Node.js, and MySQL, improving system responsiveness and scalability
 - Enhanced CRM UI/UX and security, collaborating with teams and stakeholders to deliver milestone-driven features that supported successful project completion.
- **Internship Studio** June 2024 - August 2024
AWS Cloud Intern Remote
 - Provisioned and managed AWS resources including EC2 instances, IAM roles, and security groups.
 - Configured scalable cloud infrastructure, reducing deployment time and improving system reliability.
 - Implemented access control policies and automated scalable cloud deployments using AWS best practices.

PROJECTS

- **DevConnect** 🔄 May 2025
React | Node.js | WebSockets | WebRTC | CodeMirror | Piston API
 - Built a real-time collaborative coding platform with audio/video chat using WebRTC and WebSockets; synchronized code editing with CodeMirror.
 - Integrated the Piston API to enable live, multi-language code execution.
 - Designed and integrated a digital whiteboard to support seamless visual collaboration in remote sessions.
- **Classroom Vacancy Management System** 🔄 August 2024
MySQL | Node.js | HTML | CSS
 - Engineered a responsive UI with real-time booking alerts and role-based access control for students and faculty, enhancing user experience and security.
 - Implemented FCFS scheduling and flag validation to maximize room utilization and prevent conflicts.
 - Designed and optimized SQL schemas and queries for efficient timetable and reservation management.

SKILLS

- **Programming Languages:** JavaScript, Java, C, Python
- **Frontend Technologies:** HTML5, CSS3
- **Backend Technologies:** Node.js, Express.js, REST APIs
- **Cloud/DevOps:** AWS (EC2, IAM, S3), Docker, Azure
- **Databases:** MySQL, MongoDB
- **Tools:** Git, GitHub, Postman, WebSockets

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