

# Aditya Kumar Prasad

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## Education

Bachelor of Computer Application

Gandhi National College,  
Affiliated with [Utkal University]

Sep. 2023 – Oct. 2026

Bhubaneswar, Odisha.

## Experience

\* DevOps Intern

Bharat Coking Coal Limited

June-July 2025 (4 weeks)

Dhanbad, Jharkhand

- Assisted in designing and developing secure modules improving system security by 30% for cloud-based attendance management, focusing on authentication and real-time logging.
- Collaborated with team members to implement Pipelines and implementing automating the CI/CD processes.
- Contributed developing the UI using AI and deploying it in remote, EC2(aws) servers.

\* DevOps Engineer Intern

PearlThoughts Pvt. Ltd

December 2025 - Present

Remote

- Following DevOps best practices while performing routine tasks like log checking, configuration updates, and script maintenance.
- Working with team members to troubleshoot issues related to servers, containers, or deployment processes.

## Technical Projects

\* *Cloud Based Attendance-Management System* [Source Code](#)

| AI + Cloud + DevOps

- Designed and developed a full-stack attendance management system with AI-powered backend and responsive frontend.
- Deployed application on AWS EC2 with secure database integration and scalable architecture.
- Implemented CI/CD pipelines using Jenkins/GitHub Actions for automated build, test, and deployment, reduced time by 30%.
- Containerized services with Docker to ensure portability and consistent runtime environments.

\* *Django To-do list Application* [Source Code](#)

| DevOps Deployment

- Built and deployed a Django-based task management system on Ubuntu AWS EC2 instance.
- Migrated application from local server to Docker containerized environment for reproducibility which reduced the deployment time by 40%.
- Automated deployment workflows using Jenkins pipelines(CI/CD), integrating build, test, and deployment stages.
- Applied Linux system administration skills for server setup, firewall configuration, and service monitoring.
- Enhanced deployment reliability by leveraging Docker Compose for multi-service orchestration.

## Technical Skills

Languages	:	Python, C/C++, JS, SQL
Developer Tools	:	VS Code, AWS, Jenkins, Docker, CI/CD
Technologies/Frameworks	:	Linux/Unix, Git, MySQL, Computer Networks
Soft Skills	:	Teamwork, Problem-Solving, Communication.

## Certification

- AWS Certifications (Basics, Security, Computing, Storage) - [Amazon](#)
- Attended 10 Days Networking and Security Workshop as Intern - CID, India.