

SATYAJEET PANDA

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Technical Skills

- **Cloud:** AWS (EC2, S3, IAM, Lambda), Azure Basics
- **Containers Orchestration:** Docker,
- **CI/CD:** GitLab CI
- **web language:** HTML, CSS,
- **Scripting Languages:** Bash, Python, javascript, react
- **Version Control:** Git, GitHub
- **OS Tools:** Linux, VS Code

Projects

1. smart attendance system using face detection with voice assistant

-Developed a Smart Attendance System using Python with face recognition for automated attendance marking.
-Integrated a voice assistant to enable interactive and hands-free user interaction.
-Used SQLite database to securely store and manage attendance records.

2. Canteen management system

-Developed a Canteen Management System using HTML, CSS, React, and C to automate canteen operations.
-Implemented features for menu management, order processing, and billing with a user-friendly interface.
-Integrated backend logic and data handling for efficient and real-time order management.

3. Aws cloudwatch dashboard

-Created a custom CloudWatch dashboard to monitor system performance metrics such as CPU utilization.
-Configured CloudWatch Alarms and integrated SNS notifications to alert on performance thresholds.
-Enhanced cloud resource visibility and optimized performance monitoring workflows using AWS native tools.

4. Health care support web app

-Developed a Healthcare Support Web App using HTML, CSS, and JavaScript as a simple mini project.

-Integrated an AI-based response system using a fake (mock) API to simulate intelligent assistance.
-Designed a clean and user-friendly interface for basic healthcare support features.

Experience / Internship

Developer Intern — DRDO(ITR) — JUN 2025 – JULY 2025

- Contributed to the development of secure software modules in C++ for defense applications.
- Collaborated with senior researchers to debug, test, and optimize code for real-time systems.
- Documented technical workflows and prepared detailed reports for project reviews.

ML Intern — YBI foundation

-Built and trained ML models (classification and regression) using Python, Scikit-learn, and TensorFlow.
- Performed data preprocessing, cleaning, and feature engineering to improve model accuracy.
- Worked on real-world datasets for predictive analytics and recommendation systems.

Education

B.Tech in Computer Science Engineering

NIMS UNIVERSITY, Jaipur, Rajasthan, 2022 – 2026

Relevant Coursework: Web development, Operating Systems, Networking, Cloud Computing, Software Engineering

Certifications

- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate (2025)
- Docker Training Course for the Absolute Beginner (KodeKloud)
- Kubernetes and cloud native Security Associate (KodeKloud)