

AANSH OJHA

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SKILLS

- **Languages:** Java, Python, SQL, JavaScript, C, Bash
- **DevOps Technologies:** Kubernetes, Docker, Git, CI/CD, Terraform (learning)
- **Cloud Platforms:** AWS, Microsoft Azure
- **Operating Systems:** Linux, Windows
- **Other Skills:** Flask, MySQL, Data Structures and Algorithms, Object-Oriented Programming, Full Stack Development, Networking

WORK EXPERIENCE

AI Backend Developer Intern - SmartCard AI

Nov 2024 – May 2025

- Integrated Large Language Models (LLMs) for advanced features like chat widgets and dynamic HTML generation. Worked closely with cross-functional teams for the development of an intent recognition module.
- Designed and implemented robust backend systems in Python, including building and testing APIs for database connections, file management, and API integrations.
- Achieved minimal latency in chatbot responses using batch processing, load balancers and caching.

PROJECTS

PhotoVault: Secure Personal Photo Management Platform | [GitHub link](#)

- Developed a multi-user personal photo album using scalable microservices architecture with user-level data isolation, enabling secure, personalized photo storage with real-time profile management and flexible password reset mechanisms.
- Tech stack: Flask, Python, MySQL, HTML/CSS, JavaScript, Docker, Kubernetes, AWS.

ElectroMeter Pro: Smart Electricity Billing Platform | [GitHub link](#)

- Developed spring boot API for automated electricity billing and intelligent consumption tracking, featuring PDF bill generation. Implemented AWS Cloud-native architecture.
- Tech stacks used: Java, Spring Boot, MySQL, Maven, JUnit, AWS.

CERTIFICATIONS

- [Microsoft Azure Fundamentals \(AZ-900\)](#)
- Docker and Kubernetes (Udemy)

EDUCATION

- **Bachelor of Technology (B.Tech.)** in Computer Science and Engineering 2021 - 2025
Dr. APJ Abdul Kalam Technical University
- **Intermediate** 2020 - 2021
Grade: 88.2% | Christ Church Inter College