

Atharv Vadehra

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| <https://www.linkedin.com/in/atharv-vadehra/> | Work Permit: Student (90 hrs/Month)

SUMMARY

Cybersecurity Master's student at DTU with strong hands-on experience in DevOps and cloud infrastructure. I enjoy bridging the gap between complex security architectures and smooth developer experiences. Currently looking for a Studentermedhjælper role where I can support a team's cloud security operations, automate tedious workflows, and continue learning from senior engineers in a collaborative Danish work environment.

EDUCATION

Technical University of Denmark Masters in Computer Science Specialization in Cyber Security Copenhagen, Denmark	2026 - Ongoing
Atria University Bachelors of Technology in Digital Transformation Bangalore, India	2021 - 2025

EXPERIENCE

ERP & Python & DevOps Engineer | Full-Time | Elmet.ai | Aug 2025 - May 2026

- Collaborated with developers to deploy and maintain secure cloud-native infrastructure using Kubernetes, AWS, and FastAPI.
- Supported daily team operations by actively troubleshooting Linux environment configurations and complex routing issues, ensuring continuous workflow without disruption.
- Implemented least-privilege IAM policies, acting as a proactive security advocate within the engineering team.

ERP & Python & DevOps Engineer | Internship | Elmet.ai | Feb 2025 - Aug 2025

- Collaborated with senior developers to design, implement, and enhance ERP functionality.
- Researched, planned, and developed custom ERP modules aligned with project requirements.
- Participated in daily stand-ups, sprint reviews, and retrospectives with cross-functional teams in India. Also, helped in hiring an intern for the team.

DevOps & Security Architecture | Internship | Corover AI | March 2024 – August 2024

- Worked closely with cross-functional teams to design secure cloud infrastructure on GCP, ensuring alignment with SEBI (India's securities regulator) compliance requirements.
- Automated SSL certificate management for 40+ AI services, which eliminated manual overhead and ensured zero downtime for the product team.
- Communicated security risk analyses effectively to stakeholders, and optimized CI/CD pipelines to reduce team deployment times by 70%.

Cloud Engineer | Internship | Field Engineers | Apr 2023 - Jul 2023

- Deployed a Ghost CMS architecture on DigitalOcean, streamlining content delivery and optimizing platform SEO.

TECHNICAL PROJECTS

AI-SOC/Azure honeypot project:

- Provisioned a Cowrie honeypot on Azure with Terraform, piping live attack telemetry through Loki and Grafana for monitoring, with an LLM-based component layered in to analyze incoming attack and classification of incoming attacks by type and severity. ([Link](#))

Kubernetes Production Cluster (HomeLab):

- Engineered a self-hosted environment running Proxmox, k3s, Traefik, and Grafana, NAT, demonstrating practical system administration skills and using it for hosting movies, storage, running dev environments etc.

RAG + Vector Search System:

- Collaborated on a high-performance embedding pipeline integrating FAISS and ChromaDB to power production chatbot workflows.([Link](#))

SKILLS & LANGUAGES

Core Stack: Python, Node.js, Bash, Kubernetes, Docker, Terraform, Ansible, CI/CD (GitHub Actions, GitLab), AWS, GCP, Azure.

Data & Observability: PostgreSQL, MongoDB, Vector DBs, Loki, Grafana

Security & Networking: Kali Linux (Bare-metal), Nmap, Wireshark, Cowrie (Honeypot), OPNsense, IAM Policy Design.

Languages: English (Fluent/C2) | Danish (Beginner - Enrolled in language courses).

INTERESTS & HOBBIES

When I am not studying or maintaining my homelab and a bare-metal machine, I enjoy analyzing strategy mechanics in games like Clash of Clans and exploring cybersecurity narratives in shows like Mr. Robot. I value continuous learning and enjoy sharing knowledge with the community, having previously delivered public talks on DevOps and infrastructure architecture on behalf of the Konnect-AI community (India).

