

ROCH ZAREMBA

Junior Cloud / DevOps Engineer

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PROFILE

Systems administrator with hands-on experience since 2022 running Linux and Windows Server environments, networks, and web application deployments. Building a Cloud/DevOps profile around Docker, CI/CD, Terraform and AWS — automating deployments and troubleshooting production issues. Computer Science student at Adam Mickiewicz University, specialising in Cybersecurity, with a particular interest in infrastructure security: least-privilege access control, system hardening, and log analysis. English C1.

EXPERIENCE

IT Specialist | Profitax Poznań Sp. z o.o.

2022 – present

Part-time, alongside school and university studies.

- Sole owner of the entire IT environment of an accounting firm — one server, 8 workstations and the company network: services, updates, accounts, permissions and backups.
- Automated backups and recurring updates with Bash and PowerShell scripts, cutting repetitive manual work from roughly 2 h to about 15 min per week.
- Built and maintain the company network: router, local network and remote access; diagnose system and network failures from logs and command-line tools.
- Own environment security: least-privilege access control, patching policy, and review of system logs and events.
- Keep an 8-person team working — user support, hardware and software maintenance.

Written reference from the company co-owner — available on request.

Full-stack Developer | Digitalisation Committee, AMU Student Government

2025 – 2026

- Developed a web application for secure document archiving and live online meetings (Java, Play Framework 3, Angular), used by the AMU Student Government board.
- Worked across backend and frontend: new features, defect fixing, and optimisation of existing modules.
- Maintained technical documentation and coordinated documentation flow between the AMU IT Centre and the Digitalisation Committee.

Written reference from the Chair of the Digitalisation Committee — available on request.

IT / Web Intern | Intuiti Sp. z o.o.

summers 2022 and 2023

- Configured and administered the web server and hosting environment; implemented frontend components and maintained a WordPress site.

PROJECTS

Personal infrastructure as code | Linux, Docker, Caddy, GitHub Actions

2025 – present

- Maintain personal services and sites on Linux servers: automated deployments, domain configuration, reverse proxy and TLS certificates.
- Fully automated releases: a push to main triggers a GitHub Actions pipeline that builds and ships the app in about 3 minutes with no manual step — previously every release meant uploading files and restarting services by hand.

CKE Learn — engineering thesis project | Java Spring Boot, PostgreSQL, Docker, Oracle Cloud

2025 – present

- Java Spring Boot backend for an educational application with a PostgreSQL database, containerised with Docker and deployed to Ubuntu on Oracle Cloud.
- CI/CD pipeline in GitHub Actions, reverse proxy and HTTPS configuration, plus architecture and deployment documentation.

Redis Live Leaderboard | Redis, WebSocket, TypeScript, Python

2026

- Real-time quiz leaderboard built on Redis Sorted Sets, Pub/Sub and TTL, with scores pushed to clients over WebSocket.

ACTIVITIES

Co-organisier | AMU Cybersecurity Summer School

2025

- Organisational and technical support for a week-long cybersecurity summer school at Adam Mickiewicz University.

TECHNICAL SKILLS

Systems & networking: Linux (Ubuntu, Arch), Windows Server, systemd, SSH, users and permissions, log analysis, troubleshooting, TCP/IP, DNS, HTTP/TLS, routing, remote access

Containers & CI/CD: Docker, Docker Compose, GitHub Actions, reverse proxy (Caddy, nginx), Git, Maven

Cloud & IaC: Oracle Cloud (production deployments), AWS and Terraform (studying, certification in progress)

Security: access control and least privilege, system hardening, patching policy, event analysis, Wireshark, Nmap, Netcat

Programming & data: Bash, Python, Java (Spring Boot, Play 3), SQL, Angular, PostgreSQL, MongoDB, Redis

Certifications in progress: HashiCorp Terraform Associate (Nov 2026) · AWS Solutions Architect – Associate (Feb 2027)

EDUCATION

Computer Science, Cybersecurity specialisation | Adam Mickiewicz University, Poznań

2023 – 2027

Engineering degree (inżynier). Thesis project: CKE Learn — Java Spring Boot backend with cloud deployment.

ADDITIONAL

Languages & other: English — C1 · Polish — native · Category B driving licence · written references: Profitax Poznań Sp. z o.o. and the AMU Digitalisation Committee