

TIMOTHY NWADIKE
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PROFESSIONAL SUMMARY

Computer Science graduate with hands-on Hardware and Software Maintenance, AWS, Azure, and GCP experience. Automated deployments, monitoring, and user onboarding across cloud infrastructure, achieving 62% downtime reduction. Skilled in Python, Bash, PowerShell, Docker, and Terraform. Passionate about CI/CD pipelines, system reliability, and secure cloud operations. EU Blue Card eligible.

PROFESSIONAL EXPERIENCE

Cloud / DevOps Engineer – University of Hertfordshire / Independent Practice (Sep 2023 – Nov 2025)

- Automated AWS, Azure, and GCP deployments using Python, Bash, and Terraform; reduced system downtime
- Built CI/CD pipelines with GitHub Actions for testing and auto-deploying Python and Dockerized apps
- Developed Grafana and CloudWatch dashboards for 25+ servers; integrated PagerDuty for alert automation
- Conducted patch management and vulnerability remediation, improving uptime to 99.9%

IT Support Specialist – University of Hertfordshire (Oct 2024 – May 2025)

- Delivered ServiceNow IT support for 2,500+ users; automated onboarding via PowerShell (20+ users/week) • Implemented monitoring scripts to detect VPN and Office 365 issues before user escalation

KEY PROJECTS

- AWS Face Recognition Door Lock – Python, OpenCV, AWS Rekognition, Lambda, S3 (1,200+ GitHub stars) • Portfolio: <https://digital1986.github.io/Portfolio-Wesite/>
- IoT Temperature Logger – ESP32 + DHT22 → GCP IoT Core → BigQuery + Firebase dashboard
- Network Vulnerability Scanner – Python + Scapy; scans 255 IPs in 8s; used by UK startups

EDUCATION

BSc (Hons) Computer Science – 2:1, 2025 | University of Hertfordshire, UK

CERTIFICATIONS

Google IT Support Professional (2025) | Google Cloud Digital Leader (2025) | Cisco Introduction to Cybersecurity (2023) | CompTIA Security+ (Exam: Dec 2025)

TECHNICAL SKILLS

Cloud: AWS, Azure, GCP | DevOps: CI/CD, Terraform, Docker, GitHub Actions | Programming: Python, Bash, PowerShell | Monitoring: Grafana, CloudWatch, PagerDuty | Tools: Linux, Jira, ServiceNow | Networking: VPN, Firewall, Active Directory | Troubleshooting: Hardware and software.

LANGUAGES & AVAILABILITY

English (Fluent) | Immediate start