

Lucas Malik

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London, United Kingdom

Dual Nationality: British & French

Profile

First-Class Honours BSc Computing Graduate specialising in cloud infrastructure, full-stack development, and cybersecurity architecture. Bridged major corporations (Valero Energy Corp & Soho House). An autonomous builder deploying AI-integrated applications (Next.js/Vertex AI). Bilingual (English/French), targeting Associate DevOps, Cloud Infrastructure, or Cyber Security Analyst roles.

Technical Skills

Cloud, DevOps, & Tools: AWS (e.g. EC2), Claude Code, Google Antigravity, Docker, GitHub, Cloudflare.

Network & Security: Zero Trust Architecture, IAM, Network Segmentation, Firewall Configuration.

Experience

Soho House & Co, 180 House – IT Project Delivery & Support Placement – (May – June 2026)

Supported network infrastructure rollouts across international sites; assisted with ERP delivery governance and meetings, facilitating the transition from Hypercare to BAU support while tracking service performance via KPIs.

Valero Energy Corp, Canary Wharf – Information Services (IS) Placement– (February – March 2026)

Analysed IT/OT convergence within CNI using Purdue Model to ensure corporate-industrial segmentation; evaluated high availability virtualisation migrations contributing to BCP for distribution networks.

Watford Grammar School for Boys – IT Support – (September 2024)

Helped students and staff with software, hardware, and network issues, gaining hands-on experience with HP Enterprise systems, Windows Server Hyper-V, and Active Directory.

Slepe Hall Hotel, St Ives – Graphic Designer, Events Assistant – (May 2019 – November 2020)

Designed brochures, banners, and menus using Adobe Photoshop and Lightroom, supporting the events team and coordinating the launch of the Slepe@home takeaway service during the pandemic.

Education

University of Northampton – (September 2022 – June 2025)

BSc (Hons) Cybersecurity and Web Development – First Class Honours

- Dissertation: Enhancing Web Security with Zero Trust Using IAM and MFA in AWS.
- Key Modules: Cybersecurity and Cryptography, Server Administration, and Software Engineering.

Watford Grammar School for Boys – (September 2015 – June 2022)

A Levels: Mathematics, French, Economics.

GCSE (Key Subjects): Mathematics, English Literature & Language, Combined Science.

Projects

Emfitness – Full-Stack Developer – (Nov 2025 – Present)

Developed a multilingual (EN/FR/ES) Pilates platform using Next.js, hosted on Railway/Cloudflare. Integrated Google Vertex AI (Gemini) as a chat widget, Brevo and Gumroad for e-commerce.

Homelab & Server Management– (April 2023 – Present)

Managed a Synology 1522+ NAS and an Ubuntu Workstation. Docker, Local LLMs (llama.cpp, Agent Hermes).

Personal

- Languages: Bilingual in French and English. Hobbies include travelling, running and cycling.