

Ethan Roberts

Software Engineer - London, UK

hello@ethan.md | github.com/ethrx | linkedin.com/in/ethnx | ethan.md

Full-stack security software engineer with expertise in cybersecurity, systems design, fault-tolerant distributed environments, and IT Governance.

Experience

Software Engineer

March 2024 - Present

Avius - Bournemouth, UK

Full-stack engineer working across Angular, TypeScript, C#/.NET, Security, and internal Kubernetes infrastructure.

- Core engineer on 3-person team delivering an order management system in Angular, SignalR, and Orleans
- Led end-to-end migration of production password hashing to Argon2id for SOC2 Type 2 compliance
- Owned rebuild of legacy enterprise helpdesk system with modern architecture, side-by-side with production
- Security administrator responsible for managing Microsoft Intune, Microsoft Defender for Endpoint, Tenable/Nessus Vulnerability Management, security alerting systems, and company security policies
- Delivered 2 consecutive Cyber Essentials Plus audits and established the roadmap for SOC2 compliance

Security Researcher

2019 - Present

HackerOne

Independent security researcher specialising in web application and API vulnerability discovery.

- Responsibly disclosed 10+ high to critical severity vulnerabilities (CVSS 7.0+) at major technology companies
- Primary focus on authentication, authorization, access control, and API security vulnerabilities
- HackerOne profile: <https://hackerone.com/bughacking>

Consultant

September 2022 - December 2023

Deloitte - London, UK

Consultant within Deloitte's Cyber Risk Advisory practice

- Worked with highly regulated clients in Technology, Media, and Telecommunications
- Created proposals for and participated in wargames, SOC2 readiness, incident response

Education

BSc in Digital and Technology Solutions

September 2022 - March 2026

Multiverse - Degree Apprenticeship

Computer Science Diploma, Maths A-Level

September 2020 - July 2022

Ada, the National College for Digital Skills