Shaun Beniel Edwin

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Professional Summary

DevOps and Cloud engineer with a B.Tech in CSE and certifications across AWS, Azure and CompTIA Security+. Hands-on with containerization, Ansible, CI/CD pipelines, Infrastructure as Code and observability, plus a background in automation testing and a security-first mindset from years of CTF competition and organizing. Experienced in building and running serverless and self-hosted, containerized services.

Skills

- **Cloud & Infrastructure:** AWS, Azure, OCI, Cloudflare Workers, Vercel
- **Infrastructure as Code & Configuration:** Terraform, Ansible
- **Containers & Orchestration:** Docker, Kubernetes, Helm
- **CI/CD & Version Control:** GitHub Actions, GitLab CI, Jenkins, Git
- **Observability & Monitoring:** Prometheus, Grafana
- **Scripting & Automation:** Bash, PowerShell, Python, Selenium
- **Networking & Web Servers:** Caddy
- **Backend & Languages:** Node.js, Bun, Express.js, Flask, TypeScript, JavaScript, C#, .NET, C++
- **Databases:** PostgreSQL, MongoDB, SQLite
- **Security:** Secure coding, vulnerability hunting, CTF design and mentoring

Courses And Certifications

- Microsoft Azure Fundamentals (AZ-900) | Link — July 2026
- AWS Cloud Practitioner | Link — May 2026
- CompTIA Security+ | Link — January 2026
- Cloud Computing (NPTEL) | Link — October 2024

Professional Experience

HCL Technologies (Automation Tester) — May 2021 – Aug 2022

Automated 40+ website features with Selenium (Python/Java), cutting issue detection time by ~20% and debugging time by 30%.

Volunteer

Republic of Cyber Sentinels (CTF Lead and Organizer) — March 2025 – July 2026

Conducted and designed challenge sets for 8+ hackathons and CTFs, mentoring junior hackers in secure coding and vulnerability hunting.

Projects

osu-stats-embed

Hosted a serverless Vercel service that retrieves osu! player stats via the v6 REST API, eliminating the need for a database.

Clips (Sd3xV)

Built a self-hosted Dockerized React/Next.js platform with PostgreSQL that encodes media via ffmpeg and provides global share links, maintaining 95% quality with up to an 80% size reduction.

LapKeys

Built a lightweight refresh rate and brightness control app for Windows using C# and .NET 8 utilizing the low level WMI for minimal overhead and zero dependencies. Updated to use the new WinUI3 look.

Achievements And Accomplishments

- HackSkills CTF Rank #2 — March 2026
- Smart India Hackathon (SIH) University Rank #3 — September 2025
- The Encrypted Warfare Hackathon Team Rank #1 — March 2025
- Chakravyuh CTF Rank #1 — February 2025
- RCS CTF 2024 Rank #1 — March 2024

Education

Lovely Professional University — Phagwara, Punjab

Bachelor of Technology in CSE; CGPA: 7.94 — Sep 2022 – July 2026