

Ethan Perry

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Software engineer and technical support specialist with a background in data center operations, experienced in improving infrastructure and building reliable, maintainable applications. Skilled in programming, automation, and managing complex hardware-software systems.

EXPERIENCE

Software Engineer | Hewlett Packard Enterprise (HPE) | Oct 2023 — Oct 2024

- Developed and deployed a cloud-based storage assessment tool on AWS, replacing a legacy VM system, resulting in improved security and user experience.
- Contributed to a proposal generation tool for the go-to-market team, utilizing Python and Docker to streamline proposal creation and improve the sales pipeline.

Data Center Technician | Hewlett Packard Enterprise (HPE) | Jun 2023 — Oct 2023

- Configured and maintained network infrastructure, ensuring optimal performance and minimizing downtime. Provided support for both local and international teams.
- Monitored and managed server health and performance, implementing troubleshooting protocols to resolve hardware and software issues efficiently.

Digital Marketing Specialist | SharpNet Solutions | Aug 2020 — Nov 2021

- Managed client relationships and provided strategic advice on paid advertising, SEO campaigns, websites, and brand development.
- Analyzed campaign metrics and user behavior to improve SEO and boost organic traffic, search rankings, and conversion efficiency across client sites.

PROJECTS

Song Loop for Spotify

- Built a web app that connects to users' Spotify accounts via OAuth, enabling them to loop specific sections of their currently playing track—a feature Spotify doesn't natively offer.

Sudoku App | ethan-perry.com/work/sudoku

- Developed a full-featured interactive Sudoku web app using C#, Blazor Server/WebAssembly, and MongoDB, featuring puzzle generation, validation, and pencil-mark support.

EDUCATION

Western Governors University

- Completed a 4-year curriculum in 2 years through accelerated, self-directed learning.
- Specialized coursework in artificial intelligence and machine learning.

SKILLS

Programming languages: C#, Go, Python, SQL, HTML, CSS, JavaScript

Tools, Platforms & Frameworks: Docker, .NET, AWS, MongoDB, VMWare, Cloudflare, C# Blazor Server, C# Blazor WebAssembly, Django, Astro, Confluence, Webflow

Other skills: Server Installation, Server Maintenance, Network Infrastructure Management

Interests: Piano, Hiking, Tennis, Language Learning, Travel, Reading, 3D Animation, Video Game Development

(Note: 2024 - 2025: international travel)