Ethan Perry

I'm a software engineer helping companies modernize infrastructure and build scalable, intuitive applications. With a background in data center operations and digital marketing, I bridge the gap between technical systems and users.

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EXPERIENCE

Software Engineer · **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 · **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** *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.

SELECTED PROJECTS

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.

ethan-perry.com · Portfolio Website

Designed and developed a personal portfolio from scratch with Astro, JavaScript, HTML, and CSS. Showcases technical projects, writing, and design skills, emphasizing clean UI and accessible UX.

SKILLS

Programming Languages:

C#, Python, SQL Java, HTML, CSS

Tools, Platforms & Frameworks:

Docker, AWS, Astro, VMWare, Cloudflare, Airtable, Figma

Other Skills:

Server installation, server maintenance, network infrastructure management

EDUCATION

Western Governors University

B.S. Computer Science

- Completed a four-year degree in two years
- Specialized coursework in machine learning and artificial intelligence.

INTERESTS

Piano, Language Learning, Hiking, Tennis, Reading, Chess