

Carson Smith

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EDUCATION

The University of Texas at Dallas

B.S. in Computer Information Systems and Technology, Minor in Cybersecurity

Richardson, TX

Aug. 2024 – Present

EXPERIENCE

Co-Founder, Development Project Manager

CS_Squared

Allen, TX

May 2024 - Present

- Tested, and debugged all code before deployment, resulting in a 100% reduction of post-deployment bugs
- Wrote and maintained a collection of test scripts, reducing manual testing time by 10 hours/week
- Spearheaded efforts to ensure standardization of code, resulting in an 80% decrease in developer onboarding time
- Acted as first contact between the development team and other teams
- Distributed tasks and managed multiple project timelines to ensure 100% on-time delivery of objectives

Back-End Developer

Allen STEAM Life App

Allen, TX

August 2023 - May 2024

- Utilized Amazon AWS to host the backend of the app, achieving 99.99% uptime
- Managed various databases using DynamoDB, maintaining a less than 100ms response time for all queries
- Collaborated with project manager to ensure server security, resulting in zero security breaches during my tenure

PROJECTS

Petrophysics Inc. Catalog Rewrite | *TypeScript, SQL/SQLite, Pocketbase, React*

July 2024 – Present

- Rewrote the Petrophysics Inc. seismic data catalog, reducing data ordering time by 97%
- Implemented a Pocketbase backend, maintaining a sub-100ms response time for all queries
- Developed a React front-end to display the catalog and allow users to search for seismic logs and velocity surveys
- Collaborated with web developers from CS_Squared in order to smoothly implement the catalog on the website

Self-Hosted Email Server | *Linux, Shell, SMTP, IMAP, Docker*

March 2024 – April 2024

- Configured a self-hosted email server, achieving 99.99% uptime
- Configured SPF, DKIM, and DMARC to achieve a 100% deliverability rate for all emails sent from the server

Self-Hosted Webserver & Personal Website | *HTML, Node.js, Tailwind CSS, Astro, React, Apache*

July 2024

- Launched a personal website at cartt.one using Astro, React, and Tailwind CSS, achieving 99.99% uptime

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Java, Python, SQL, HTML/CSS

Frameworks: Django, Flask, React, Tailwind CSS, Astro

Developer Tools: Docker, Git/GitHub, Node.js, Vite

Operating Systems: Linux (Arch, Debian, Kali, RPi OS, Ubuntu), Windows 8/10/11, MacOS, iOS

Technologies: Amazon AWS, UEFI, VirtualBox, VMware, DNS, SMTP, IMAP

CREDENTIALS

CompTIA Security+ | *In-Progress*

September 2024

CompTIA A+ | *ID: COMP001022565935*

July 2024

AP Scholar with Distinction

May 2023