

David Sandoval

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Summary

Software Engineer with a strong foundation in backend development, systems design, and automation. Passionate about cybersecurity and building secure, reliable, and scalable solutions. Experienced in investigating system issues, improving operational efficiency, and collaborating across teams to deliver high-impact features. Constant learner who thrives in team environments and is committed to building resilient systems that protect customers and data.

Skills

Programming: SQL, PHP, Python, Javascript, Typescript, Go, C#, C++, HTML5, CSS, NodeJS

Systems: Windows, MacOS, Linux, Unix

Security: Incident response, risk mitigation, data encryption, key management, malware, intrusion-detection, IDS/IPS, DLP, SIEM, vulnerability-scanning, Web gateway, proxy appliances, antivirus tools, penetration testing

Education & Certifications

Springboard, Certificate in Cybersecurity

May 2023 - November 2023

Utah Valley University, Bachelors in Software Engineering (Summa Cum Laude)

August 2020 - May

2023 Utah Valley University, Associates in Computer Science (High Honors)

August 2020 - May

2021

CompTIA Security +

November 2023

Experience

Software Engineer, Amazon

Nov 2023 - Present

- Designed and built large-scale systems that ensure customers receive the best and most accurate product offers.
- Automated operational tasks, reducing manual effort and improving team efficiency.
- Performed investigations, testing, and root-cause analysis to prevent customer-impacting issues.
- Collaborated with cross-functional teams to deliver reliable, high-availability solutions.

Web Developer (Remote), Dominion Insurance

August 2021 - Nov 2023

- Built and maintained scalable APIs and backend services supporting core business operations.
- Diagnosed and resolved production issues to ensure stable and reliable system performance.
- Implemented modern UI frameworks to deliver intuitive and user-friendly interfaces.

Software Engineer Intern, Amazon

May 2022 - August 2022

- Developed infrastructure enabling teams to migrate between programming languages smoothly and efficiently.
- Created documentation and presented tooling improvements to accelerate team adoption.

Software Quality Assurance Intern, BYU-PATHWAYS

May 2021 - August 2021

- Executed test plans and test cases to ensure software quality across multiple releases.
- Supported defect triage and resolution using industry-standard QA tools.

Personnel Specialist, United States Air Force Reserves

May 2019 - May 2025

- Supported Airmen by managing benefits, personnel actions, and administrative processes.
- Delivered high quality customer service while maintaining accuracy, confidentiality, and policy compliance.