

David Manh Hoang

Software Developer | Cloud, Infrastructure, and Application Security Focus

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EXPERIENCE

Robert Half — San Ramon (Remote), CA

September 2021 — Present

Software Developer, Frontend Web

- Managed and maintained 17 global, high-traffic websites serving millions of monthly users across multilingual regions, supporting availability and reliability in production environments.
- Supported and maintained Adobe Experience Manager and Drupal platforms during a CMS migration, contributing to configuration accuracy and reducing potential operational risk.
- Independently delivered multiple enterprise campaigns (Demand For Skilled Talent, Tech Campaign, Job Optimism), owning implementation from development through deployment.
- Automated repetitive workflows using built-in platform tooling, improving productivity while reducing manual error potential.
- Implemented personalization and analytics features using Adobe Target with explicit consideration for data privacy, user consent, and compliant tracking practices.

Opal, LLC — Menlo Park (Remote), CA

May 2022 — August 2022

Software Engineer, Full Stack Engineer

- Contributed as a full-stack engineer in a fast-paced environment, supporting both frontend and backend development using React and Express.
- Facilitated onboarding of new developers by providing technical guidance and documentation, reducing early-stage errors.
- Collaborated with team members to diagnose and resolve defects, improving application stability and delivery velocity.
- Designed and implemented a reward filtering feature based on reward type and frequency, enhancing application logic and user experience.

University of California, Davis — Shared Services Organization (SSO) — Davis, CA

January 2020 — July 2021

Web Developer Intern

- Maintained and updated university web content using Drupal, supporting a large academic user base with consistent and accessible information.
- Developed reusable web templates using HTML, CSS, and JavaScript, improving consistency across pages.
- Conducted user interaction analysis to identify usability improvements and inform content structure decisions.
- Participated in cross-functional discussions to improve user experience, contributing perspectives from both developer and end-user viewpoints.

EDUCATION

Western Governors University — Salt Lake City, UT

December 2025

M.S. Cybersecurity and Information Assurance

Certifications: CompTIA Pentest+, CompTIA CySA+, ISC2 Certified in Cybersecurity (CC)

University of California, Davis — Davis, CA

June 2021

B.S. Computer Science and Engineering

SKILLS

Programming and Scripting:

JavaScript (Node, React, jQuery, React Native), TypeScript, Python, SQL (MySQL, NoSQL), HTML/CSS, C, C++, Java

Platforms and Systems:

Linux, Windows, macOS, Git/GitHub, Adobe Experience Manager, Drupal, Adobe Target, MongoDB, Google Analytics

Engineering and Security Competencies:

Secure Software Development, Software Development Life Cycle (SDLC), REST APIs, Agile, DevOps Collaboration, Privacy-Aware Data Handling, Web and Mobile Application Development, Data Structures and Algorithms