

David Lira

Software Engineer

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PROFESSIONAL EXPERIENCE

Broadcom (formerly VMware)

Member of Technical Staff III | Nov 2023 – Jul 2026

- Delivered frontend functionality across three major NSX Security Services Platform (SSP) releases (5.0–5.2), including deployment workflows, the Infrastructure Monitoring feature, and the On-Prem Sandbox installation wizard for malware prevention.
- Implemented pixel-perfect Angular applications from Figma designs using reusable enterprise component libraries while collaborating closely with UX designers.
- Built complex Angular interfaces featuring expandable data grids, filtering, multi-tab workflows, contextual navigation, and state management using RxJS and NgRx while integrating with REST APIs.
- Collaborated with backend engineers to define REST API requirements, validate backend behavior, and troubleshoot production issues by debugging Angular applications and analyzing Kubernetes pod logs.
- Promoted from Member of Technical Staff II to Member of Technical Staff III in recognition of technical contributions, ownership, and impact across multiple product releases.

VMware

Member of Technical Staff II | Jul 2021 – Nov 2023

- Developed Python automation scripts that performed weekly cleanup of unused AWS and Azure resources—including EC2 instances, Azure Virtual Machines, EKS/AKS clusters, VPCs, Azure Resource Groups, and container images—reducing cloud infrastructure costs and improving resource utilization.
- Owned frontend development of an Angular-based cloud firewall configuration interface for AWS and Azure, collaborating with backend engineers to design REST APIs and deliver enterprise cloud management features.

Gyp-Fill Enterprise

VBA Developer | Jul 2020 – Apr 2021

- Developed Excel/VBA, Node.js, and MongoDB applications that automated estimating workflows, streamlined project management processes, and reduced repetitive manual work.

Estimator / Project Manager | Dec 2017 – Apr 2019

- Managed estimating activities for residential and commercial lightweight concrete projects.
- Coordinated project planning, scheduling, customer communication, and cost estimation.

TECHNICAL SKILLS

Frontend: Angular, TypeScript, RxJS, NgRx, HTML5, SCSS/CSS, React

Backend: Node.js, Express, NestJS, REST APIs

Databases: MongoDB, MySQL, PostgreSQL

Cloud & DevOps: AWS, Azure, Kubernetes, Docker, Jenkins, Nginx

Testing: Playwright

Developer Tools: Git, GitHub, GitLab, Jira, Confluence, Postman, VS Code, Chrome DevTools, Cursor AI

Languages: JavaScript, Python, SQL, VBA

EDUCATION

California State University, Long Beach

Bachelor of Science, Construction Management

Hack Reactor (Galvanize)

Software Engineering Bootcamp