John David Hernandez

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CERTIFICATIONS

Oracle Expected Dec. 2025
Java SE 11 Developer

Apollo GraphQL Sept. 2025
Graph Developer Associate

Amazon Web Services Sept. 2025
Certified Cloud Practitioner | Certified Developer Associate

Linux Foundation July 2025
Certified Kubernetes Administrator (CKA)

PROFESSIONAL EXPERIENCE

edX, Denver, CO Mar. 2020–Aug. 2024
Full-Stack Security Specialist

- Delivered specialized operation-ready technical training for junior engineers and upskilling professionals across Azure, Docker, Ansible, Node, MongoDB, MySQL, Linux, Bash, JavaScript, React, Splunk, Git and Apollo GraphQL, earning 4.9/5 KPI and survey feedback scoring across 400+ sessions involving 100+ relationship-managed clients.
- Troubleshot and resolved learning platform misconfigurations in cloud, full-stack applications and SecOps tools through live Tier II support across 500+ debugging and pair programming sessions, enabling operational and business continuity.
- Performed code reviews, API endpoint automated testing, user acceptance testing, quality assessments and system command/configuration verification for 4000+ student deliverables within timed and audited ticketing workflows.

Athenahealth, Boston, MA June 2016–Mar. 2019
Integration Project Engineer

- Configured, tested and deployed to Production 150+ software integrations by providing API consulting, configuring batch processing and event-based triggers, troubleshooting traffic and managing Go-Live and deployment monitoring.
- Led real-time incident response for 40+ escalated network connectivity disruptions impacting Go-Live-Critical enterprise project deadlines involving data transmission failures, backlogged message queues and data pipeline misconfigurations.
- Secured sensitive patient and financial data integrations by configuring and troubleshooting security protocols, authentication and availability involving SAML, HTTP/S, mTLS, IPSec, packet captures, cron jobs and network settings.
- Improved integration resiliency, performance and scalability by collaborating across engineering and business teams to conduct incident response, root cause analysis, policy and training revisions and data transmission restoration.

TECHNICAL TRAINING

edX Internal Training - Cybersecurity Bootcamp June 2021

- 7-month self-paced modules and labs (250h+): Azure, Linux, Bash, Docker, Splunk, IDS/IPS, Wireshark

Code for America - Denver Brigade May 2021

- 5-month collaborative team software development (100h+): AWS, React, JavaScript, GitHub

Harvard Extension School - Full-Stack Coding Bootcamp, Cambridge, MA Sept. 2019

- 6-month intensive programming (350h+): JavaScript, MERN.js (MongoDB, MySQL, React, Node)

EDUCATION & HONORS

U.S. Department of State, Madrid, Spain Dec. 2015
IE University Fulbright Assistantship

University of Southern California, Los Angeles, CA May 2014
Bachelor of Science in Mathematics and Economics

TECHNICAL SKILLSET

EXPERT (L4): Technical Consulting, Troubleshooting, Software Integration, Technical Solutions
ADVANCED (L3): Incident Response, Monitoring, Logging, JavaScript, VSCode, MERN.js (React, Express, Node), Git/GitHub, REST/HTTP, Agile/Scrum, API, JSON, HTML/CSS, Postman, Browser DevTools, Linux, JIRA, OSI, MVC
PROFICIENT (L2): AWS (EC2, Lambda, S3, CodePipeline, CodeDeploy, ECS, CloudFormation, API Gateway), PKI, SSH, microservices, IaC, systemctl, TCP/IP, NAT/CIDR, DNS/nslookup, SQL, MongoDB, mTLS, SSO, IAM, OOP, Bash, Kubernetes, HL7/CCDA, Wireshark, Splunk, VPN/IPSec, cURL, YAML, Apollo GraphQL, Docker, Windows
FUNDAMENTAL (L1): CI/CD, DevOps, Azure, Ansible, CVE/CVSS, firewall-cmd, TDD/Jest, OSINT/nmap, PingFed, Cyber Kill, Defense in Depth, AWS (RDS, DynamoDB), CIS Benchmarks, Istio, etcd, AD, Helm, crictl, jq, PowerShell