

Kenny Nham

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WORK EXPERIENCE

TechnipFMC

Irvine, CA

Software Quality Assurance Engineer

Oct 2025 - Apr 2026

- Designed and executed detailed test plans and cases, ensuring coverage of business and system requirements, which reduced post-release defect rates by 30%.
- Identified critical bugs pre-deployment, significantly enhancing software stability and user satisfaction.
- Maintained robust test environments and automation tools, ensuring smooth and reliable test executions.

Controls Engineer

Jul 2024 - Oct 2025

- Led Product Acceptance Testing (PAT) and Extended Factory Acceptance Testing (EFAT) activities, validating system functionality, software performance, and operational requirements.
- Diagnosed and resolved software, hardware, and system integration issues during test environment setup.
- Troubleshoot real-time system failures and implemented corrective actions to maintain operational continuity.

DevOps Engineer

Jun 2023 - Jul 2024

- Designed, implemented, and maintained CI/CD pipelines using Azure DevOps, GitHub Actions, and Jenkins, automating build, testing, and deployment workflows, decreasing software delivery times by 300% (from 6 hours to 2 hours).
- Delivered expert-level support, consistently resolving high-priority issues on first contact and reducing ticket volume by 30%.
- Investigated and resolved build, deployment, and environment-related issues through log analysis, root-cause investigation, and system debugging, minimizing disruptions to development workflows and release schedules.

Full-Stack Software Engineer

Aug 2017 - Jun 2023

- Designed and developed a system management interface from initiation to completion using Angular, TypeScript, JavaScript, PHP, HTML5, and REST APIs, delivering business-critical functionality, reducing human errors and speeding up configuration times by 300%.
- Collaborated with product managers, QA engineers, and software developers throughout the Agile software development lifecycle, contributing to requirements gathering, feature implementation, testing, and successful product releases, improving project delivery times by 25%.
- Built interactive prototypes and proof-of-concepts to validate product features with stakeholders, shortening feature validation timelines by 30% and improving development alignment.
- Authored technical documentation, improving knowledge sharing and project alignment for engineering teams, business stakeholders and end users.

SKILLS

Languages: JavaScript, TypeScript, PHP, Python, SQL, HTML5, CSS3, C++

Frameworks & Libraries: Angular, Node.js, Express, Bootstrap

Tools & DevOps: Azure DevOps, GitHub Actions, Jenkins, Microsoft TFS, Git, Bitbucket, Jira, REST APIs

Methodologies: System Debugging, Root Cause Analysis, Log Analysis, Issue Triage, CI/CD, Agile Development

EDUCATION

California State University, Fullerton

2017

Bachelor of Computer Science