David Vincent Miller

Software Engineering Leader

Proven ability to deliver high-quality software on time and within budget. Expertise in Agile, test automation, cloud technologies, and network infrastructure.

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Skills: leadership, team building, communication, infrastructure, technologies, problem-solving
Industries: customer service, loss prevention, material handling, virtual value chain, warehousing logistics, NEMT, telecommunications
Languages: js, python, java, c#, c++, sql
Libraries And Frameworks: Hibernate, Spring, Entity, Android, NodeJS, Ionic, Angular, React, WebAPI, Selenium, Playwright, Cypress, Pandas
Protocols: Rest, SOAP, TCP/UDP, ipv6, ipv4, DNS, HTTP/2
Tools: Linux, Windows, MacOS, Azure, AWS, Git, Jira, Aha!, SAP, Salesforce, Monday, Confluence, Notion, Figma

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VK Integrated Systems | Software Engineer | Oct 2024 - Current
- Ported the TAK Stack Application from React Native to Native Android
- Worked on several projects to develop ATAK plugins for IoT devices that bring tactical awareness to field agents
- Led a project tracking migration from spreadsheet to using GitHub Projects
- Created GitHub Actions for each project I was involved in

Freelance | Software Engineer | Sept 2024 - Current
- Delivered an api integration between Monday and an internal app for a mid-sized business creating a project punch list

Aries Defense, LLC | Software Engineer | Jan 2024 - Mar 2024
- As part of a small, agile team, optimized Rally Tactical Services configuration on an Embedded Linux system
- Worked on projects to develop ATAK plugins for IoT devices that bring tactical awareness to field agents
- Streamlined the ATAK SDK installation process through updated internal documentation

SVT Robotics | Lead Quality and Release Manager | Aug 2021 - Sep 2023
- Spearheaded the development of a component testing pipeline, resulting in a 30% reduction in testing time
- Reduced compliance audit time by 20% through the use of codeQL, ZAP, and burp suites
- Improved test coverage by 25% through the automation of hundreds of test scenarios
- Planned 200 releases between three agile product teams, reducing time to market by 15% using Aha!
- Optimized processes by managing code churn, reducing release failures by 10%, providing actionable insights to leadership

UZURV Holdings, LLC | Senior Test Automation Engineer | May 2019 - Aug 2021
- Designed and implemented a robust test automation framework using Java, Selenium, Cucumber, and Appium
- Increased test execution efficiency by 40% using AWS CodePipe integrations with Maven build files
- Developed an interface for data generation using JavaScript and Postgres, increasing manual testing efficiency by 30%
- Led test review and prioritization meetings, driving effective test strategies and resource allocation using Story Points in Jira

Swisslog Logistics, INC | Lead System Integration Engineer | Jun 2016 - May 2019
- Managed the integration of retrieval systems in multiple warehouses, reducing project execution cycles by 20%
- Conducted F.A.T. events for 8 warehousing projects, ensuring system readiness and customer satisfaction
- Provided tier 2 support for North American sites, reducing ticket resolution time by 20%
- increasing test coverage, using Java, Mockito, and xunit by 60% across projects using Jenkins CI/CD
- Developed automated workflow proof of concept using Selenium and Java, streamlining testing processes by 25%

Connexion Technologies | Lead System Implementation Specialist | May 2006 - Dec 2012
- Helped build an interoperability data center at the main office
- Managed and maintained a network infrastructure for 20 production sites, ensuring 99.9% network uptime
- Provided tier 2 support for all production sites, resolving network issues and increasing customer satisfaction by 75%
- Commissioned 57 last-mile projects, delivering services to 100,000 customers and generating $69mil in revenue
- Maintained expertise in networking technologies by obtaining CCNA and Network+ certifications

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J. Sargeant Reynolds Community College | Associate of Science in Computer Science | 2013-2016