

Curriculum Vitae - Vincent Dirks

Software Quality Engineer

As a versatile Software Quality Engineer, I aim to understand the nuances of the product, team dynamics, technological landscapes, and organisational structures so that I can adapt and contribute effectively. I specialise in adapting to diverse contexts, and look beyond traditional testing methodologies to consider the design of the whole quality ecosystem necessary for delivering quality software solutions efficiently.

Skills

Testing

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| <ul style="list-style-type: none">● Context Driven Testing● API Testing● Testing Native Mobile Apps● Testing Web Apps● Testing Firmware/Embedded systems● Testability Concepts | <ul style="list-style-type: none">● Observability Concepts● Exploratory Testing● Visual Modelling● Metrics Driven Development (A/B Testing)● Accessibility Testing |
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Programming and Automation

| Javascript | Java | Other |
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| <ul style="list-style-type: none">● Node.js, npm● Express.js● React● Jest● Cypress.io● Webdriver.io● mermaid.js | <ul style="list-style-type: none">● Cucumber (BDD)● Maven● Tidal. Wave (UI automation library)● Selenium● REST-assured● JUnit, TestNG | <ul style="list-style-type: none">● C#: Specflow (BDD)● SQL & SSMS● Appium● XCUITest● GraphQL● C++: Arduino, ESP32 |

Tools

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| <ul style="list-style-type: none">● Splunk (log aggregation & analysis)● Postman, Newman● VS Code, IntelliJ, Visual Studio● Github, Bitbucket● Docker, Linux● SoapUI, ReadyAPI | <ul style="list-style-type: none">● Fiddler, Charles Proxy, Wireshark● Jenkins, Azure Devops (TFS), GCP● Bash & PowerShell scripting● Browser Dev Tools● Jira, Confluence |
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General

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| <ul style="list-style-type: none">● Banking and Finance Sector● AML/CFT Solutions● Online Auction Platforms● Vehicle Leasing systems● Platform Engineering | <ul style="list-style-type: none">● Agile Squad Master● Manufacturing Resource Planning● Physics - Radar, Lasers, Fibre-optics● Electrical & Electronic Engineering● Staff Mentoring & Induction |
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Work Experience

Currently on a health and wellbeing break after some significant life changes.

Water Services Reform, DIA - Senior Test Automation Engineer (Nov-2023 - Jan-2024)

Contracting through [TTC Global](#). Test Automation team, Three Waters Project, developing a UI Automation suite in Java using the [Tidal.wave](#) Selenium automation library

Westpac NZ - Senior Automation Quality Engineer (Apr-2021 - Nov-2023)

Roving Automation Quality Engineer, addressing testing and automation needs across multiple teams. Conducted testing and automation for mobile apps (Appium & XCUITest), a D365 web UI (Java, Selenium, POM's), and various APIs (Java, REST Assured). Also contributed as a platform engineer supporting Splunk, and developed a React web app for visualising test environments (Node.js, React, mermaid.js).

FirstAML - Test Analyst (Oct-2020 - Mar-2021)

Quality coach for a startup company developing a ReactJS Web App for the AML/CFT (Anti-Money Laundering/Countering Financing of Terrorism) industry.

Weather Radar NZ limited - Weather Radar Systems Engineer (Jun-2020 - Oct-2020)

Contracting 4 days/week. Retrofitting legacy weather radars with embedded Arduino micro controllers. Designing new electronics, PCB's, maintaining power waveguide systems, and performing signal analysis.

Grappler- Agile Quality Analyst (Jun-2020 - Oct-2020)

Contracting 1 day/week. Developed a small solution to run a Postman collection in Google Cloud Platform and a simple Web UI (Node.js, Express.js) to trigger test runs and display HTML test reports.

Fiserv Auckland - Intermediate Software Test Engineer (Jan-2017 - Apr-2020)

Native Mobile App functional and accessibility testing. API testing and automation, using Postman/Newman, Specflow with C#, Javascript (Postman, Node.js, Express.js), Splunk for dashboards, TFS & Powershell for System deployment automation. Created the Postman Testrunner Framework (PTF) for automated API integration checks and environment health monitoring.

Trade Me - Senior Software Test Analyst (Dec-2014 - Aug-2016)

Context-driven exploratory testing for software changes to the iconic [Trade Me](#) website, focussing on the [Motors](#) page & features. My responsibilities included testing DBs, UIs, APIs, and mobile apps, leading deployments, conducting test planning and peer reviews, utilising BDD and visual test tools. I gained experience with implementing agile methods, Splunk, ReadyAPI, XMind, Jira, and Confluence. I also enjoyed onboarding new staff and contributing to the test and agile guilds.