

Peter Bowman

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Experience

Education

Westpac

Senior Automation Test Engineer Year of 2020 (Present Role)
During the year of 2020 I have been working as a Test Engineer (both as a contractor and permanent employee) for Westpac New Zealand. I have worked within the Data Tribe's Data Lineage squad supporting the EDC platform. Using shell scripts via ssh connections we have begun automating supporting operations that are not inbuilt into the EDC product itself. My primary duties as a Test Engineer, included automating the data completeness throughout the EDC data pipelines and its many connectors to Westpac's legacy business data systems. Working with the data department I have completed the first iterations of a library using spark and scala that would create masked data layers enabling test data that better reflects Westpac's production systems

Technology Used in Role:

Scala | Spark | Linux | Python | Hadoop | HDFS | RHEL Servers | Shell | Zeppelin

Jupyter | SSH | Docker | Jira | Confluence

Heineken

Data & Digital Specialist Year of 2019
In 2019 Heineken brought a new focus to digital transformation, and within its New Zealand Headquarters my role was to lead this transformation within the production side of the business. This included leading a regional strategy that aligned with the global vision, and facilitated the training of production leadership for agile and design thinking. Day to day I lead projects that experimented with new ideas and new technologies in the contributing to Heineken's World Wide Data & Digital Specialists sharing best practices and learnings to better the business globally. When needed I built applications with Python, Javascript, SQLite, MySQL, and testing harnesses using the Pytest and Jest testing frameworks. Unfortunately my time with Heineken was cut short as I was given a great opportunity with Westpac that I could not refuse.

Technology Used in Role:

Python | SQLite | Javascript | MS Project | Anaconda | Jest | Power BI | Pytest

Selenium | Azure DevOps

Assurity

Test Analyst Years 2016 - 2017
Assurity is a technology consultancy company that started in Wellington NZ. As consultants we supported the challenges that come with delivering enterprise technologies. During my time there I consulted for many government departments, learning the intricacies of large scale software delivery. I used Selenium and Junit to create test suites as well as experimenting with Jenkins, Maven, and Gradle for building and creating CI/CD pipelines. I also worked with SQL to create and use test data, using tools such as Oracle DB and MySQL. My time with Assurity spurred my passion for working with tech and I decided that in order to really get the most out of the industry I needed to upskill my technical capabilities, thus I made the decision to return to study

Technology Used in Role:

SQL | Git | Java | Maven | Gradle | HP ALM | W3C Driver (Selenium) | MySQL

Oracle DB | Jenkins

Other Experience

Victoria University of Wellington

Residential Advisor Year of 2015

Inspiration Education

Senior Tutor Mathematics & English Years 2012 - 2015

Victoria University Commerce Society

Representative of Economics & Finance Year of 2014

Voda Model Management

Model Years 2015 - 2017

Graduate Diploma Software Development

Toi Ohomai Institute of Technology

Year of 2018

Course Synopsis

Introduction To Artificial Intelligence

This course required me to implement a vast range of techniques used in the current artificial intelligence techniques including genetic algorithms and analyzed different ways of constructing these solutions to create "good enough" solutions in an NP problem space

Advanced UI Design

This paper tasked me to work with Microsoft's UWP and Azure Platforms to build mobile applications. This culminated in the creation of an MVP named "Get Setter" an application created to help people customize their training regimes

Database Development

In this paper I worked to deepen my knowledge of relational database concepts, using MSSQL to work on projects that reinforce our skills

Final Project: Rugby Bay of Plenty

This was my final project on the course and worked with Rugby Bay of Plenty as a client in order to create an application that would track news, scores, and tournament updates throughout the length of the national tournament for rugby 7s. Our work included the entire SDLC first gathering requirements from Rugby BoPs Leaders, development, and working alongside Rugby BoP representatives to support the running of the application over the course of the weekends the tournament ran.

Technology Used in Role:

Python | Javascript | Vue | Enterprise Architect | MSSQL | SQLite | C# | Azure
Git | UML

Bachelor of Arts Maj. Economics

Victoria University of Wellington

Years 2012 to 2015

Minors

English Literature

Electives

Jazz Performance

Co-Curricular

Mathematics

Victoria University Commerce

Computer Science

Executive

Philosophy

Victoria University Rowing Club

Qualifications

ISTQB Foundation Level

International Software Qualifications Board

Received 2016

NZ Speech Qualifications - Grade 8 Honours

New Zealand Speech Board

Received 2010

Awards

Duke Of Edinburgh Award: Silver Level

His Royal Highness Prince Philip, Duke of Edinburgh

Received 2010

Rotorua Young Achievers Award

Rotorua Lakes City Council

Received 2010