

Peter Bowman

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Experience

Heineken

Data & Digital Specialist

Feb 2019 - Present

Heineken is within its early days of digital transformation, and within its New Zealand Branch my role was created to lead this transformation. I took leadership over focusing the global initiatives into a local strategy for the digital transformation, facilitating training of brewery leadership for agile training and design thinking introducing them as a way of working with digital projects. I oversaw projects lifecycle using MS Projects, Git & Azure DevOps for version control. When needed I built applications using python and JavaScript, along with SQLite and MySQL. To ensure good development practice and long term serviceability, I built test harnesses using Pytest and Jest and Selenium 3 (W3 Driver). Also I worked as a part of changing business process from an excel heavy process to a Power BI, Power Query, and Python Scripts to automate manual heavy processes within data gathering and visibility within the Heineken's Supply Chain in New Zealand. I also lead the NZ Branch's governing committee over the digital transformation within production leading strategy and priority decisions on projects.

Technologies used in role:

Python SQLite Javascript MS Project Anaconda
Jest PowerBI Pytest Selenium Azure DevOps

Assurity Consulting

Test Analyst

Jan 2016 – Jan 2018

Assurity is a technology consultancy company that started in Wellington NZ. As consultants we found ourselves supporting the challenges that come with delivering enterprise technologies, using project management tool HP ALM. During my time there I consulted for many government departments, learning the intricacies of software delivery. I used Selenium and Junit to create test suites as well as experimenting with Jenkins, Maven, and Gradle to CI/CD pipelines, with git as a version control tool. I also worked with SQL to create and use test data, using tools such as Oracle DB and MySQL.

Technologies used in role:

SQL Git MySQL Java W3C Driver (Selenium)
Oracle DB Jenkins Maven Gradle HP ALM

Inspiration Education

Senior Mathematics Tutor

Sep 2012 – Jul 2015

Victoria University of Wellington

Residential Advisor

Feb 2015 – Nov 2015

Victoria University Commerce Society

Executive officer of Economics and Finance

Nov 2013 – Nov 2014

Voda Model Management

Model

Nov 2014 – Jan 2017

Education

Graduate Diploma – Software Development

Toi Ohomai Institute of Technology

Feb 2018 – Dec 2018

Notable Courses:

Introduction to Artificial Intelligence

I implemented a vast range of basic ai techniques including genetic algorithms and analyzed different ways of constructing a GE to find optimal solutions in NP problem space.

Code Available: <https://github.com/mesa123123/TravellingSalesmanProblem>

Advanced UI Design

In this paper I worked with Microsoft's UWP and Azure in order to build mobile applications. This culminated in the creation of an MVP to "Get Setter" an application created to help people customize resistance training regimes.

Code available: <https://github.com/mesa123123/Get-Setter-MVP>

Database Development

In this paper I worked to deepen my knowledge of relational database concepts, using MSSQL to work on projects to experiment with these.

Technologies Used Over Course:

Python Javascript Enterprise Architect MSSQL SQLite
C# Azure Git UML

Bachelor Of Arts - Economics

Victoria University of Wellington

Jan 2012 – Nov 2015

Minors

English Literature

Electives

Jazz Performance
Mathematics
Computer Science
Philosophy

Co-Curricular

Victoria University Rowing Club
Victoria Commerce Society

Qualifications

ISTQB Foundation Level

International Software Qualifications Board

Feb 2016

NZ Speech Qualifications – Grade 8

NZ Speech & Drama Board

Nov 2010

Projects

Rugby 7s National Tournament Application

Bay of Plenty Rugby Union

Sep 2018 - Dec 2018

I was part of the team that built the official tournament app for the national club sevens tournament; this was the final project for our graduate diplomas. We were required to develop, build, test, a progressive web application using Vue.js. Working with remote teams we used git to manage the development of the project. We were also tasked supporting the production environment for the length of the tournament. Having to be present and manage stakeholders from BoP Rugby Union and from the teams.

Technologies:

Node.js Vue.js Nightwatch Webpack Jest Git