

# Davin Stirling

I'm an experienced IT Professional pivoting into software development having completed a Java course, a Full Stack Web Development bootcamp and gained my Scrum Master certification. My tech career spans over 12 years across New Zealand and the UK, ranging from service desk & application support, to systems analysis & design, plus some programming & scripting. I have a particular interest in backend technologies, and am keen to build on my experience in a collaborative and supportive environment that embraces diversity.

## PROJECTS

### Wellbeing Tracker - WAMP (Oct 2021)

Code <https://bit.ly/ghWellbeingWIp> Live <https://bit.ly/WellbeingLive>

I digitised a PDF form used to monitor changes in wellbeing over time, storing the data in a MySQL database and plotting the overall scores on a graph using the JpGraph library. I built it using the Slim 4 framework and MVC pattern, and included parameterised SQL queries and bcrypt for improved security, and made the question form more mobile friendly.

### Robot Stores: Ecommerce Store - LAMP (Nov 2020)

Code <http://bit.ly/ghStores> Live <https://bit.ly/robotstores>

I volunteered as Scrum Master for this project sprint and facilitated our team to create a detailed architecture plan, using my previous OO experience. We later adjusted the plan after reviewing the SOLID principles. Using the LAMP stack, we decided on the Hydrator Entity design pattern in PHP, with HTML, CSS and Bootstrap. I pair programmed to create some PHP classes, and also peer reviewed colleagues code in GitHub. During sprint review I gave a non-technical overview of the site's architecture.

## CAREER HIGHLIGHTS

- **WSP Opus 2018, support role** - Key member of contractor team, successfully migrated nearly 2000 users and computers across 23 regional offices within 6 weeks
- **DDSIT 2017, support role** - Taught myself enough PowerShell to create some scripts to make repetitive & time consuming tasks more efficient
- **Kaseya 2011, headhunted for support role** - I prepared and coordinated with other teams across 3 time zones, to onboard & remotely train 6 new interns, at short notice and with minimal supervision
- **Visionstream 2010, support role** - Asking questions led to me gathering user requirements and designing & documenting the front-end for a new resource management website, tailored to the local market
- **Gen-i 2009, support role** - Recognized by client executives "for outstanding customer support and service delivery to the account"
- **IBM 2003, developer** - Received an internal award for creating an innovative and reusable registration website in Java; also mentored a junior developer

<https://davin2020.github.io>

<https://github.com/davin2020>

[davin.stirling+jobs@gmail.com](mailto:davin.stirling+jobs@gmail.com)

Bath UK

Eligible to work in UK & NZ

## SKILLS

Java v11 including Maven

Spring (JDBC, MVC, Test)

Spring Boot (Data JPA, Web, Thymeleaf), Hibernate ORM, REST

PHP 7 including Slim 4, PHPUnit

Laravel 8

JavaScript ES6

Node.js, Express, React, Vue

MongoDB Compass & Atlas

Firebase Firestore NoSQL DB

MySQL

GraphQL API

RESTful APIs & JSON & Postman

HTML5 & CSS3

OOP, SOLID & MVC design

Git & GitHub & GH Actions

Scrum/Agile

## EDUCATION

Java Course – mthree, 2022

Full Stack Web Development Course – iO Academy, 2020

Certified Scrum Master – Agilify, 2020

First Class BSc (Hons) in Computer Science, with IBM UK – University of Portsmouth, 2003

## EXPERIENCE (CONTRACTING)

### Alumni Trainee in Java Development

mthree, UK (Fixed Term) // Feb - Mar 2022

Completed intensive 6 week course to learn about SQL and modern Java software development, including Spring and Spring Boot framework

### Support Consultant

Fusion 5, NZ (Permanent) // Sep - Nov 2019

Learned about Ivanti ITSM and provided application support. Investigated, analysed and resolved issues experienced by internal staff. Deployed minor changes into test and production environments, eg adding form fields, updating email templates & business logic workflow, adjusting views etc.

### Field Services Engineer

WSP Opus // Nov 2018 - Sep 2019

Provided onsite and remote end user support to resolve issues and reduce backlog of 5,500 incidents following domain migration of mailboxes, users, assets, file servers and websites. Travelled to regional offices, performed pre and post migration checks and user support during migration. Collaborated with the IT team and fellow contractors to provide support.

### Service Desk Analyst

Plant and Food Research // Jul - Nov 2018

Watercare // Mar - Apr 2018

DDSIT // Mar 2013 - Jul 2017

**Web Developer** Whyte Communications // Nov 2012 - Jan 2013

**Technical DB Documentation** Visionstream // Nov 2011 - Jun 2012

**Senior Customer Service Agent** Kaseya (Permanent) // Oct 2010 - Nov 2011

**Technical Support (Level 2)** Visionstream // Dec 2009 - Sep 2010

**Technical Analyst** Gen-i, NZ // Oct 2007 - May 2009

### Volunteering and Travel

August 2005 - August 2007

Volunteered as a house builder in Thailand for a year following the 2004 tsunami, enabling local families to build 106 houses. Taught myself basic spoken & written Thai to improve communications between locals and volunteers. Managed a team of 15 people in the project manager's absence.

### Technical Support (Level 3)

IBM Warwick, UK (Permanent) // Sep 2003 - Jun 2005

Worked shifts providing 24x7 support in an eCommerce Server Farm.

### Application Developer (Java)

IBM Portsmouth, UK // Sep 2001 - Sep 2003

Sole developer, responsible for the full lifecycle design, development and deployment of a website to register staff for a conference, built using Java, JSPs & JDBC. Received an internal award for their "innovative web-enabled registration application, enabling reuse for other conferences". Mentored a junior developer to customise the website & deploy it for a different conference.

### Technical Resource

IBM UK // April - July 2000

## INTERESTS

*Health tech products that improve people's wellbeing via psychology*

*The design & architecture of almost everything from housing to software*

*Sci-fi TV shows*

*Attended 4 month filmmaking bootcamp in 2014 in NZ, undertook industry work experience and later made various short films*

*Avid traveller, visited 10+ countries in 12 years in between various IT contracts while living in NZ*