Davin Stirling

I'm an experienced IT Professional pivoting into software development, having completed courses in Java and Full Stack Web Development, and gained my Scrum Master certificate. 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 welcomes diversity.

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Bath, UK
Entitled to work in UK & NZ

PROJECTS

Wellbeing Tracker - *PHP - Oct 2021*

Code https://bit.ly/ghWellbeingWlp   Live https://bit.ly/WellbeingLive

To digitise a PDF form used to track wellbeing, I used the Slim 4 framework and MVC pattern, storing the data in a MySQL database and plotting the overall scores on a graph using the JpGraph library. I used parameterised SQL queries and bcrypt for improved security, and later made the question form more mobile friendly.

Rock Paper Scissors Game - *JavaScript, HTML, CSS - Nov 2021*

Code https://bit.ly/ghRockPaper   Live https://bit.ly/RockPaperLive

I used a functionality-first, iterative approach for this challenge, breaking it down into small parts, then working to incrementally improve the game's features and then its layout/styling. The first version just picked a random item from an array and displayed output in the console. Later versions added images, user interaction and displayed output in the browser

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 PowerShell and created scripts to make repetitive & time consuming tasks more efficient
- **Kaseya 2011, headhunted for support role**
  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 functionality 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

SKILLS

Java v11 including Eclipse, 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 about modern Java development using Spring

Travelling in Asia and Covid Lockdown in UK // Dec 2019 - Dec 2020

Travels cut short by lockdown in March; started studying web development online in advance of 4 month bootcamp starting Sept 2020

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 templates & business logic workflow, adjusting views etc

Field Services Engineer

WSP Opus // Nov 2018 - Sep 2019

Travelled to regional offices, collaborated with IT teams and contractors to perform pre & post migration checks. 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 & websites

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 Database Documentation

Visionstream // Nov 2011 - Jun 2012

Analysed and wrote technical documentation, primarily the future API mapping between 2 databases. Generated formal documentation for existing system and business workflows; documentation was later utilised by implementation designers

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 in Asia Pacific // August 2005 - August 2007

Volunteered as a house builder in Thailand for a year following the 2004 tsunami, enabling locals to build 106 houses. Taught myself basic spoken & written Thai to improve communications between local 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 a Windows/AIX/Solaris 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 biennial conference, built using Java, JSPs & JDBC. Mentored a junior dev to customise the site for another conference.

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