

# Matthew Startin

Highly adaptable software engineer with a focus on delivery and data  
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## EXPERIENCE

### Senior Software Engineer, Travis Perkins Plc

MAY 2013 - PRESENT

As a Senior, I act as a figurehead for our team. I take responsibility for the quality and functionality of the code produced. By working closely with Engineers, I can ensure that good practice and design is implemented; and by working with the Scrum Master and Business Analysts I can ensure that requirements are met.

### Software Engineer, Travis Perkins Plc

JANUARY 2011 - MAY 2013

As a software engineer my role was to actively participate (and lead) the design and build of technically stable, performant and high quality applications. As part of the transition to Agile Methodology, TDD and BDD was implemented and part of the role was to ensure good code design and coverage was implemented.

### Trainee Software Engineer, Travis Perkins Plc

MARCH 2010 - JANUARY 2011

As a trainee, my role was to contribute to the design and build of changes to existing systems, whilst becoming familiar with companies methodologies, structure and applications. Initially working using the Waterfall approach, a company-wide change led to the Agile (Scrum) technologies being adopted

## EDUCATION

### MSc. Computational Science and Modelling

UNIVERSITY OF EXETER, SEPTEMBER 2007 - AUGUST 2008

### BSc. (Hons) Mathematics with Computer Science

UNIVERSITY OF EXETER, SEPTEMBER 2004 - JUNE 2007

## LANGUAGES

HTML, CSS and JS  
jQuery and MaterialiseCSS  
Java and Spring  
Python  
Pick BASIC  
C# .NET  
Visual Basic  
Mongo, MySQL and MSSql

## METHODOLOGIES

Agile / Scrum  
Pair programming / XP  
TDD / BDD  
CI: Jenkins & gitlab  
Git  
Confluence & Rally

## KEY SKILLS

Delivery Focussed  
Team Player  
Quick Learner  
Adaptable  
Full Stack Engineer

## HOBBIES / INTERESTS

Running (*half-marathoner*)  
Football (*ex-Goalkeeper*)  
Travel  
Photography

## KEY PROJECTS

### **Ticketing App, 2018**

Phonegap, HTML, JS, jQuery, Google Firebase, Google DataStudio, Google StackDriver, AWS Lambda

*Creating a pilot application to create tickets on a mobile device to be sent to the heritage system.*

Involved in all aspects of this project from front end design to database tuning, as well as personally creating a reporting dashboard in Google Data Studio. This application was fully tested and MVP delivered to a device within 2 weeks.

### **ERP Transition, 2017 – 2018**

WSO2, Talend, MySQL, jMeter

*Creating integrations between 3rd party systems and internal heritage POS*

Implementing integrations using an ESB. Despite the requirements and design being given to the team, ensure that best practice is applied and creating clean, reusable code and requirements are met.

### **Quote System, 2015 – 2017**

HTML, JS, Java, SOA, PICK Universe, MySQL, Mongo

*Web Application allowing branch Staff to export CAD designs into Quotes and Tickets.*

Involved at all stages of the project from requirements gathering to delivery (and on going live support), used SOLID principles to create a clean, quality and readable codebase and provide a stable improved system for the business

### **Estimating System, 2014 – 2016**

HTML, JS, Java, SOA, MySQL,

*Web Application allowing Estimates of Work to be produced (from CSVs) and maintained*

Using TDD to create a solution to the complex problems and implement a simple user friendly interface to match the clients brief.

### **SOA Services, 2014**

Java, SOA, MySQL, Mongo, PICK

*Exposing data from heritage systems via APIs*

Helped create small, performant services to expose data for future systems using SOA best practices and design patterns.

### **Reporting, 2010–2017**

Business Objects, Pick

*Creating custom reports on an AdHoc basis*

Initially just creating reports when requested, I implemented a variety of solutions to optimise the generation of reports, and became the focal point within the team for data queries.