# Harley Scotcher

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## Software Engineer

Highly driven, enthusiastic full-stack web engineer. I strive to design and deliver bespoke solutions using modern technologies, languages, containerisation and deployment automation. My constant desire to learn new technologies pushes me to try new things and tackle new challenges.

# Experience

APRIL 2020 – PRESENT

### Software Engineer / Toolstation

- Engineer and Maintain Core business systems including an EPOS system that is used throughout the business and a RESTful API to serve all applications within the suite.
- Worked to move applications to a serverless architecture using Google Cloud Platform products to decrease hosting costs and increase resilience.
- Use a number of modern technologies such as Laravel, React, Vue JS and Node JS to create scalable and performant applications to increase the throughput of our colleagues throughout the business.
- Use Infrastructure as Code solutions to aid in producing repeatable and reliable infrastructure.

JUNE 2017 – APRIL 2020

### Software Engineer / Eloquent Technologies Ltd

- Designed and implemented a wide variety of web and desktop applications using frameworks such as Laravel (PHP), .NET Core and .NET Framework (C#), Vue JS and React JS across 10+ projects.
- Developed and maintained a number of applications that were crucial for a number of well-known automotive retailers. These projects ranged from Reporting Suites, to processing and managing financial data as well as showcasing advertisements on-site at Dealerships.
- Engineered a Transport Management System to control and alert on consignments. This application was developed as a cost-saving mechanism to give an indication as to which sites should be visited on a given route. This meant that if the app had recorded no consignments at a site then it could be avoided, saving both time and travel expense.
- Completed a project related to personnel management. This system was designed to allow managers to record data on their employees such as absences and training courses as well as to keep a record of certifications that allowed staff to operate potentially dangerous machinery in a warehouse environment.
- Implement CI/CD Pipelines to deploy code to a container-based environment ensuring code is tested, formatted and reviewed before release.
- Primary contact for key customers, maintaining and developing their business-critical systems, this included taking lead on a number of projects.
- Responsible for supporting junior engineers with their day-to-day roles including code review and one-to-one review sessions.

- Involved in maintaining and supporting a highly available container environment that is used to host an array of customer applications.

AUGUST 2014 – JUNE 2017
## Apprentice Software Developer / Ivy Ltd

- Develop and Maintain our own fork of SuiteCRM that was used internally to provide structure to our business process
- Linux administration using CentOS to host web applications for customers
- Occasionally assisting the Helpdesk with IT Support queries and occasionally installing infrastructure on-site and on-prem
- Develop and maintain Websites and applications for customers using WordPress

# Education

JULY 2017
## Level 4 Diploma in ICT Professional Competence

MAY 2017
## Level 4 Diploma for ICT Professionals - Systems and Principles

In June 2017 I completed my Level 4 apprenticeship in Software Development. This qualification was awarded by City and Guilds. I completed this course whilst working full-time at Ivy Ltd with additional training provided throughout the course. I opted for the apprenticeship route as I much prefer hands-on experience and learning, I enjoy learning through my mistakes and experience. Completing this apprenticeship gave me the opportunity to do this whilst at the same time gaining knowledge from expert tutors on the fundamentals of Software Engineering.

# Skills

- **Operating Systems**: Red Hat family (CentOS), Debian family (Ubuntu, Debian), Windows
- **CI/CD**: Docker (Docker Swarm, Kubernetes), Gitlab (Version Control, GitlabCI)
- **Backend**: PHP (Laravel), C# (.NET Core, .NET Framework), Javascript (NodeJS)
- **Frontend**: HTML, CSS, Javascript (Vue JS, React JS)
- **Databases**: MySQL, PostgreSQL, SQLite, MSSQL
- **Web Application servers/proxies**: Varnish, Apache, HAProxy, Nginx
- **Cloud Infrastructure:** Google Cloud Platform, Ansible, Terraform

# Activities

I like to keep busy during my free time, I am a keen cyclist and enjoy challenging myself, for example I cycled from London -> Paris -> London over 4 days in order to raise £2500 for Chums Mental Health UK and in 2018 I completed Coast to Coast (150 Miles in one day). I also enjoy going to the gym and playing squash a few times a week. I also enjoy attending tech meetup events, most commonly PHP South West in Bristol.