

Rian Rogers

System innovator / developer
API / Web developer
Vehicle electrician / technician

Rian Rogers
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Profile

An ambitious innovator eager to get into the industry of his passion. Experienced with individually developing critical systems from idea to fruition; to efficiency improvements and self sufficiency. An enthusiastic open minded developer who works diligently under pressure.

Skills

- Experienced HTML / CSS / Javascript / Java / C# / SQL / PostgreSQL / React / JSON / NodeJS / Git / Redux / Python / VBA / PowerApps coder
 - Works fluently with all Microsoft office programmes - specialized in Excel & VBA, Access and Powerpoint
 - Meticulous with excellent communication skills
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Awards

- Innovista Rising Star award winner 2017 - (**Individual innovator of the year** at Jaguar Land Rover 2017)
 - The **Manufacturers top 100** award 2018
 - Innovista Rising Star award winner 2019 - (**Individual innovator of the year** at Jaguar Land Rover 2019)
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Work Experience

IT Career Switch / Coding Traineeship for Full Stack Engineer pathway JULY 2021 - PRESENT

Completed a course to get the credentials needed to display ability to code. Achievements from the traineeship are stated further down.

Alpha Geek / Learning placement

AUG 2021 - DEC 2021, Spondon, Derby

Completed a placement while doing a traineeship part time. Applications used are as follows:

- Shopify to build website and liquid to optimize websites behaviour
- Webflow to build seamlessly efficient websites
- Wordpress / Woocommerce to build live e-commerce sites

Jaguar Land Rover / System developer / Electrical Technician

Sep 2015 - JUNE 2021, Browns Lane - Ryton

Worked as an electrical technician in the prototype department at JLR after qualifying the apprenticeship. Whilst being a user of the paper based systems in the department, ideas were constructed to allow the department to work more efficiently. This was to replace paper based systems with electronic versions.

After demonstrating the ideas and benefits of them to seniors the go ahead was given to allow for time spent making the ideas come to life. These systems were initially developed in Google sheets using Google

script to automate functionality. Then redeveloped using excel and powerapps for Office 365 migration. The systems saved the company millions. Money was saved in employee and engineers time saved, as well as critical time saving for aiding containing prototype vehicle issues.

Initiated ideas for systems and implemented them as follows:

- Electronic concern and countermeasure action report (eCCAR) for issues to be raised by technicians and solved by engineers
- Electronic build books for prototype vehicles to log critical processes completed and shortages
- Electronic process decks for instructions on how to build the prototypes. These systems alone eliminated the need for paper

Other systems include:

- Metrics for eCCAR (this gave management an overview on how many issues were open / completed by every department with their time frames - this was heavily optimised graphically)
- Metrics for build books (this showed vehicle position on the shop floor and readiness to move to the next zone via dot chart)
- Shortage delivery scanning (to avoid loss of parts and ability to track amount of shortages per build per zone)
- Part trolley delivery system (this allows zones to request for kits from zone to stores)
- Hours logging system against builds (this allows technicians to declare how many hours including overtime they did for particular builds so supervisors can allocate cost to build correctly)

Jaguar Land Rover / Apprentice

Sep 2014 - AUG 2018, Browns Lane - Ryton

Four year advanced apprenticeship at Jaguar Land Rover. Achievements from the Apprenticeship are stated further down.

Coding certifications

- Microsoft 98-383 certified
- Codecademy Full-Stack Engineer Career Path certificate
- Codecademy Web Development Skill Path certificate
- Codecademy certificates for multiple languages includes: Javascript, Java, jQuery, Python 3, PHP, C#.
- Codecademy certificates for related courses are: Git & Github, Command Line, building interactive Javascript websites and Javascript unit testing.

Education

Warwickshire College / Jaguar Land Rover verification build

- Level 3 Advanced Apprenticeship (JLR) - **Distinction**
- BTEC Level 3 Extended Diploma in Motor/ Electric Vehicles - **Distinction**
- NVQ Level 3 Auto Electrician - No grading either pass or fail

Kingsbury High School

- GCSE ICT - **3 A's**
- GCSE Math, Resistant materials - **A**
- GCSE English Language, Physics, Art - **B**
- GCSE English Literature, Chemistry, Biology - **C**