

Alexander Green

Software Developer | QA Automation Engineer | Web Technologies



Wakefield, West Yorkshire



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alexmgreen.dev

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Professional Profile

Software Developer with commercial experience delivering automation, web applications, quality assurance and digital transformation projects across public sector and healthcare environments.

Experienced building internal software solutions, automating manual processes, leading website quality assurance, developing web applications and creating business solutions using JavaScript, Python, Playwright and the Microsoft Power Platform.

Comfortable working across the full software lifecycle from gathering requirements through development, testing, deployment and user training. Strong communicator with a proven history of improving business processes through technology.

Technical Skills

Languages

- HTML5
- CSS3
- JavaScript (ES6+)
- Python

Development

- Git
- GitHub
- Docker
- REST APIs

Testing & QA

- Playwright
- Regression Testing
- Functional Testing
- Test Automation
- Quality Assurance
- UAT
- Test Planning

Microsoft Technologies

- Azure
- Azure DevOps
- Active Directory
- Microsoft 365
- Power Apps
- Power Automate
- Power BI

CMS

- Sitecore

Ways of Working

- Agile
 - Scrum
 - SDLC
 - CI/CD
 - Technical Documentation
 - Stakeholder Management
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Professional Experience

YPO

Digital Support in Applications

July 2023 – Present

Supporting enterprise digital platforms while developing automation and improving software quality across multiple business systems.

Key Achievements

- Led quality assurance for a large-scale website rebuild, designing and executing regression testing that improved release confidence and reduced production defects.
- Developed automated testing workflows using Power Automate, reducing repetitive manual QA effort and increasing deployment efficiency.
- Built Power BI reporting dashboards that transformed website usage data into actionable business insights for stakeholders.
- Delivered Sitecore training and administration, improving content management capability across internal teams.
- Managed finance configuration across multiple e-commerce platforms, ensuring reliable operational performance.
- Created internal automation solutions that streamlined testing and business processes.

Technologies

JavaScript • Power BI • Power Automate • Sitecore • Azure DevOps • Playwright • QA • Automation • Agile

Spectrum Community Health CIC

IT Technical & Project Support

September 2019 – July 2023

Provided technical support while contributing to digital transformation projects across healthcare services supporting over 700 users.

Key Achievements

- Supported Azure and Microsoft 365 environments for over 700 users across multiple healthcare sites.
- Designed Power Platform solutions that automated manual workflows and reduced administrative effort.
- Collaborated with stakeholders to gather requirements, produce wireframes and deliver business improvement projects.
- Helped deliver digital transformation initiatives that modernised internal operational processes.
- Implemented an IT ticketing solution replacing manual email-based requests, improving request tracking and response times.
- Developed an IT asset management system improving stock visibility and equipment allocation.

Technologies

Azure • Active Directory • Microsoft 365 • Power Apps • Power Automate • Power BI

Concorde Technology Group

Integration Engineer

August 2018 – September 2019

- Configured and deployed enterprise client devices.
 - Built and validated hardware deployments.
 - Worked with imaging, deployment and configuration processes.
 - Supported project delivery within agreed timescales.
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Software Projects

Website QA Automation

Developed automated website testing using Playwright to improve regression testing coverage and reduce manual effort.

Tech

Playwright • JavaScript • Automation • Claude Code

Helpdesk Application

Designed and developed a helpdesk application supporting authentication, ticket management and user workflows.

Tech

JavaScript • HTML • CSS • Python • Git

Personal Developer Portfolio

Designed and built a responsive portfolio website showcasing software development projects and technical skills.

Tech

HTML • CSS • JavaScript • Python • Flask

Python Automation Suite

Developed Python applications to automate repetitive business tasks and improve operational efficiency.

Tech

Python • Automation

Education

BSc (Hons) Computer Game Design & Production

2014 – 2017

Certifications

- GitHub Foundations
 - Playwright
 - JavaScript
 - Azure Fundamentals
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Additional Information

- Full UK Driving Licence
- Available for hybrid or remote working
- Portfolio available at alexmgreen.dev