Luke Rydeard

Email: lukerydeard@gmail.com
Contact No: Provided on request.
Site: www.rydeard.co.uk



Full-stack web and mobile software engineer with a drive to create functional and memorable user experiences. Having worked for 3+ years on a variety of successful projects, I am seeking to enter the contractor space to further my professional career and make the best use of existing skills.

Work Experience

Freelance Web Developer
2019 - Present

- Designed and built front-end web pages and reusable components using HTML and CSS.
- Converted client non-technical requirements to technical solutions.
- Transferred website hosting from site backups to AWS EC2 instances.
- Integrated Wordpress on client request to allow ease of access and content management.
- Established a textual Google Advertisements campaign resulting in a 4x traffic increase.
- Configured Amazon WorkMail as a simple, scalable business email solution.

Full-Stack Developer
Dreamspace
2021 - Present

- Created complex flexible mobile views using Dart and Flutter.
- Architected Firebase back-end for various complex systems, including Chat and Calendars.
- Iteratively designed the app and website in collaboration using Framer.
- Collected User feedback as part of a “Build, Test, Execute” cycle to create refined features.

Full-Stack Developer
Informed Solutions
2018 - 2019

- Developed and launched a major gov.uk service application, used by thousands each year.
- Implemented under “Test Driven Development” conditions - creating automated tests before developing major functionality.
- Created re-usable class-based views and components in Django.
- Developed an accounting portal to automate exhausting manual processes using ES6 and SQL.
- Reported progress and tracked workflow using the Scrum Agile methodology.
- Configured Virtual Machines for consistent work/deploy environments using Vagrant and Docker.

Education

MEng Computer Science with Artificial Intelligence
University of York - First Class Honours
2016 - 2021

Skills

I work with many languages, frameworks, back-ends, and hosting services. The following is a short list of the tools I interact with the most currently, but is in no way a full list of my skills. If you're working with a different framework, please do not hesitate to contact me.

Programming/Technical Languages

- JavaScript
- Python
- Dart
- SQL
- HTML
- CSS

Frameworks and Tools

- React
- Django
- Flutter
- jQuery
- Node
- SCSS

Additional Technical Skills

- Writing unit, integration, and end-to-end automated tests to be simulated via Selenium or mocked in code.
- Debugging and fixing erroneous code.
- Taking advantage of creational, structural, and behavioural programming patterns.
- Writing concise documentation and readable code, with comments where necessary.

Non-Technical Skills

- Strong client and non-technical communication (via video calls or emails).
- Mentoring and cooperating with co-workers on challenging tasks.
- Effective use of project management and time tracking softwares, such as Jira and Trello, to maximise time productivity.
- Brainstorming, assessing, and organising potential solutions both alone and together.