



Front-end Web Developer

Intogral Limited
North East England
£22k-£27k + share options

Company Information & Overview:

Intogral Limited is a new spin-out from Durham University. We're developing world leading image analysis software for a global client base working with Artificial Intelligence and Deep Learning. Based in the beautiful Cathedral City of Durham in the wonderful North East of England, this is an opportunity to join and shape a business at its earliest stage. Initially for a one year fixed term period with a view to a permanent position following company growth.

With industries across the globe producing a greater and greater volume of imaging data, Intogral Limited provides an essential service. Utilising world-class research in image processing, machine learning, computer graphics and GPU computing methods, Intogral Limited brings off-the-shelf advanced image analysis software, consultancy, and bespoke solutions to its customers across the diverse markets in Biology, Medicine, Pharmaceuticals, Manufacturing, Engineering, Satellite Imagery, and Security.

Salary range: £22-£27k with share options, depending upon skills and experience. Flexible working hours with the option to work from home for part of the week if desired. 25-days annual leave, plus 5-days paid personal development leave, plus Bank Holidays. A 40-hour working week.

Our team's culture:

- Writing simple, clear code.
- Open discussion.
- Continuing Training and Development.
- Ownership of your own code.

We promote Open-Source software and permit you to release and self-license libraries / code where it doesn't compete with the business' commercial interest.

Job Responsibilities:

- Lead in the design and development of the Intogral Limited website and various in-house web-based tools.

- Be self-driven with a keen eye for visual presentation, with consideration of the interface design and end-user interaction experience.
- Ability to adhere and build upon company branding.
- Maintain a clean, simple, well-formatted and well-structured codebase.
- Test web front-end tools across various layouts, devices, and browsers.
- Communicate clearly with internal and external customers / partners.

Essential Skills:

You should be able to demonstrate some or all of the following skills:

- Showcase of responsive websites.
- HTML5/CSS3.
- Javascript, jQuery (or similar) and AJAX.
- Expertise in manipulating the DOM.
- Python.
- NoSQL (e.g. MongoDB) experience and/or SQL (e.g. MySQL/PostgreSQL).
- Experience in testing websites.
- UNIX experience.
- Competent use of Git, Slack and other related tools.
- Know how to produce professional code that can be transferred to a client.
- Security (TLS/SSL, database security, XSS, challenge-response authentication, ...).

Desirable Skills:

It would be useful if you were also able to demonstrate knowledge of:

- D3.js.
- Bootstrap.
- Flask backend.
- NGINX/Apache experience.
- Canvas/WebGL.
- Developing secure login systems.
- Payment processing.
- Google maps API or similar.
- Evidence of having a keen eye for visual presentation.

Qualifications:

- Visual portfolio/website/CV showcasing projects.
- Desirable, but not essential: BSc, MSc in Computer Science, Graphics Design or related field.
- Experience gained in a relevant field, either academic or industrial.

We expect our team members to all represent the business and proactively lead the development of our products.

Recruitment Process:

We would like you to submit your CV with a covering letter to jobs@intogral.com explaining why you want to work for Intogral and what experience you can bring to our small team. Successful candidates will be asked to come to Durham to meet the team and demonstrate your practical ability.