CAST Full Stack Developer

Full time, Remote with 1-2 days London, West Country or West Midlands
12 months fixed term with possibility to extend

Build tech that solves some of the world's toughest problems

CAST are looking for **two creative Full Stack Developers** to join our committed and growing team. This is the perfect role for you if you want to use your skills to create, test and deliver innovative, exciting and meaningful digital products that have a positive social impact.

We create products through [our flagship three-month long accelerator programme Fuse](); run a wide range of short hacks with charities to explore the role of tech for good; develop internal products and prototypes to test new tech-for-good ideas. If you want to be at the heart of this, we're looking for two people to bring their technical expertise to these processes.

Imagine applying your technical skills to help organisations that are tackling homelessness and extreme poverty, supporting those battling cancer or reducing social isolation among the elderly. CAST is working with a range of non-profits who are committed to making imaginative use of technology to address complex social challenges but they need your help.

We're open for applications now. We can keep the role open until January 2017 for the right person – but also happy for them to start sooner if more appropriate. Either way, please register initial interest by sending **a cover letter, CV and links to existing work** (sites or Github repos) to [hello@wearecast.org.uk]() by 9am on Monday 31st October. We'll be holding interviews week commencing 14th November.

Role Overview

To develop CAST's digital products and services, working with expert product teams to test, prototype and develop new ways in which digital can address some of society's most pressing social challenges.

To work on the technical development of charity and social enterprise teams on the UK's only charity accelerator FUSE, creating early stage prototypes and alpha/beta releases, working with semi-independent product teams.

You'll Most Likely Be

- Working alongside and supported by an existing technical team.
- Building websites, apps & systems that are standards-based and work across browsers and platforms
- Writing appropriate efficient, clean, readable, fast and testable code
- Creating and keep good documentation
- Working closely with CAST staff, freelance designers and product managers

and charity staff in a fast paced development environment
- Contributing to the development of CAST's digital service offering
- Shipping code in a fast paced agile environment
- Sharing your work through speaking or writing opportunities if you're up for it
- Having an awesome time

You'll Most Likely Have

If you feel more comfortable in one of the below areas, and are perhaps lacking the skills in others, this is a great opportunity for you to learn and expand your skill set.

Essential

- A deep understanding of web development concepts and principles, including responsive design
- A HTML and CSS expert.
- Comfortable using Git for version control.
- Strong experience with OOP using a dynamic language, e.g. Javascript, Python, Ruby, PHP, etc.
- Familiarity with modern web development frameworks, e.g. Ember, Django, Rails, Laravel, etc.
- Experience developing applications using a MVC design pattern.
- Experience developing and using RESTful API's.
- The ability to learn quickly and pick up new skills independently.
- Experience delivering well tested and maintainable code using practices such as Test Driven Development.
- Experience architecting efficient and appropriate data models.
- Good understanding of SQL, and working with databases, e.g. Postgres, MySQL.
- Familiarity deploying web apps, i.e. AWS, Heroku, etc.
- Prepared to travel to charity locations 1-2 days of the working week.
- An interest in 'tech-for-good', bringing high quality tech development to address big social challenges

Desirable

- An interest in open source, creative commons and civic technologies
- Experience using HTML and CSS pre-processors e.g. Haml, Sass.
- An ability to explain technology principles in everyday language to non-experts.
- Experience using a Agile software development workflow.
- Experience with NoSQL databases.

We offer

- The chance to lead a step change in how big social issues are addressed through digital technology – by demonstrating and making examples of tech-for-good, and becoming a leader of the sector
- An exciting and fast paced environment finding new technical solutions
- The opportunity to develop as a leader within CAST and the wider tech-for-good community role, building your ability to not just write innovative applications, but to lead teams and product groups
- Competitive salary
- 30 days holiday a year (FTE)
- Support from a highly experienced team to become a tech-for-good superhero

- Flexible working (including working from home)
- In addition to working with some amazing people and teams focused on meaningful products and services, you'll get to help shape the work of charities serving hundreds of thousands of people.

About CAST

CAST works with charitable foundations, social investors and mission-driven organisations to identify, create, and implement digital technologies to achieve social impact. We believe that if we are to realise the potential of digital technology to transform civil society, we need to not just create applications of digital technologies, but support existing mission-driven organisations to use them in their work. This means supporting charities and social enterprises to understand where technology can, and cannot, enhance their work. Equally it means working with funders, social investors and policymakers to create the best conditions in which this can happen.

The CAST team combines a deep understanding and extensive experience of social, technology and business. Between us, we have managed investments of more than £25m in support of hundreds of high-growth digital social innovations; we have created a range of compelling digital social products and services; we have developed numerous cross-sector partnerships that support social change at scale; we have devised new models of impact measurement; and we have an extensive network across social enterprises, funders, government and the corporate sector.

How we work

At CAST, we're committed to running a pro-social and lean enterprise that focuses on achieving significant social impact through our work. The team behind it have worked together for more than ten years and are pragmatic in approach, values-driven and recognise that now is the time to realise the potential of digital technology to address pressing social and charitable challenges.

CAST is a virtual organisation and you'll primarily work from home, however you'll be required to work 1-2 days a week in shared location – currently this could be London, Birmingham, Bristol or Stroud. The initial contract is for 12 months with the possibility of extension. The role will start in January 2017 or earlier if agreeable.

More information can be found at www.wearecast.org.uk