

# Oxehealth

## Junior Backend Developer

### **Once in a career opportunity: help improve healthcare for society's most vulnerable**

Oxehealth gives doctors, nurses and custodians more time for hands on care where and when it's needed most. Our technology is an assistant for when they can't be there, paying attention to every room they are supervising.

We can compute heart rate and breathing rate totally contact free, using standard digital cameras, with medical grade accuracy. We can also monitor human activity, behaviours and safety.

As one medical director remarked, "your technology will change the practice of medicine". Founded by the Head of Engineering at Oxford University, Professor Lionel Tarassenko, we recently won the prestigious Colin Campbell Mitchell Award from the Royal Academy of Engineering, awarded to the group who "made the greatest contribution to the advancement of any field of engineering within the period of the last four years".

With increasing numbers of people living with chronic conditions and growing elderly populations around the world, more and more people need to be looked after by a small group of clinicians and carers – Oxehealth's solutions will make this possible.

Our software is currently being deployed in mental health, care homes and nursing homes, police, prisons, home care, and acute hospitals. The BBC recently featured our technology in use: watch [here](#).

### **Oxehealth: scaling up**

2017 saw us leave the Commercial Research phase, close early sales and complete the first permanent installations of our technology. 2018 is seeing the first large commercial sales opportunities come to fruition, the first overseas installations and the first sales via third party integrators. Year on year, we aim to increase sales ten-fold. Oxehealth is backed by ambitious, long term investors such as IP Group.

### **Your role: support user interface enhancements**

Oxehealth is looking for a Junior Developer to join the team working on optimising customer experience through the use of the system GUI. This person will play a key role in ensuring we roll out GUI improvements to customers optimally and at pace.

You will work in our User Experience team to implement new functionality in our existing Node.js backend and web-based frontend, which is used by customers through desktop web browsers and mobile devices. This position is fundamental to evolving our user interface rapidly in response to user feedback, while ensuring quality through appropriate testing and release processes. There will be opportunities to get involved in projects across the company developing and refining tooling used by our Research, DevOps and Commercial teams. You can hone your coding skills through our supportive, friendly code reviews. We use industry-standard tools such as Git and Jenkins to make us as effective as possible.

If you are looking to build your software development skills and experience, this role will immerse you in an experienced team who will help you to grow. You may also enjoy taking part in related activities such as designing mockups and visiting customer sites to understand user needs (with usability studies or informal discussions) and gather feedback on designs.

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## You: the qualities and experiences we're looking for

To be a success in this role you will

- Love writing good quality code to solve real-world problems in healthcare
- Enjoy building prototypes and iterating based on customer feedback
- Be comfortable in a fast-moving environment where priorities may change quickly
- Feel engaged with the product and what Oxehealth does – you want to make a difference
- Be open to feedback and happy to discuss different approaches at stand-up meetings
- Want to learn, be curious and dig into areas that need fixing and improving
- Be pragmatic, self-motivated and goal oriented

The role will require the following specific skills:

- JavaScript or Python (1-2 years of experience)
- Source control using Git (1-2 years of experience)

It would be an advantage to have experience in any of the following:

- Node.js or Django
- ECMAScript 6 or above
- React or similar frontend application libraries
- Webpack
- Cordova
- SQLite or other SQL databases
- Amazon S3
- Test Driven Development
- Working in a small team or startup environment

## Terms: competitive package, learning opportunity, career path

- Competitive salary
- 25 days of annual leave with the ability to purchase more
- Stakeholder pension
- Life assurance
- A flexible working environment
- Working in a well-funded start-up with an entrepreneurial team spirit

If you have the ambition, energy and skills needed to be successful in this role and want to be part of a company that is on a journey which will be world changing, please send your CV and cover letter to [jobs@oxehealth.com](mailto:jobs@oxehealth.com).