JOB VACANCY: Senior Full Stack Software Engineer

The Position

GROW is an exciting software development company working in the field of Additive Manufacturing, which is the industrial side of 3D printing. Based in London, over the past five years, GROW has been working with some of the leading companies in additive manufacturing to develop a unique technology to enable secure and reliable distributed manufacturing using AM technology.

Using GROW software, our clients will be able to protect their IP, ensure output consistency and keep full quantity and quality audit trail for all remotely manufactured parts. The benefits of distributed manufacturing in reducing inventories, shipping costs, and wastage while improving lead times are such that this is widely considered to herald the biggest shake-up in manufacturing for a generation.

As a Senior Full Stack Software Engineer at GROW, you will work within the greater development team in a small web team designing and building our web platforms. A significant amount of your time will be spent on development, but you will also lead the team architecturally and set the direction of web development. You will also have the opportunity to have a large input on the company direction and entire life-cycle: Business decisions, research, design, planning, project management, technical documentation, meeting with external partners and clients. Additive manufacturing is a rapidly evolving industry - there will be new projects and people to work with regularly. Requiring new approaches and technologies, you will have a fundamental impact on how GROW evolves in the industry.

Requirements

Technical
Applicants should:
- Have at least four years of professional server and client-side Web development experience
- Have a sound understanding of at Angular (v1) and willingness to work with Angular 4 and up
- Familiarity and willingness to work with Node, Express and MongoDB technologies
- Is familiar with Amazon AWS: EC2, route53 and some experience with Dev OPs
- Have at least three years HTML/CSS/JavaScript experience in a professional capacity
- Be passionate about the application of JavaScript and its derivatives such as TypeScript in modern web development
- Be familiar with stable web standards such as html5, css3 and ECMAScript 5 and up
- Write clean, logical, high-quality code and adopt test-driven development and Agile practices
- Have a degree in Computer Science or related field or professional industrial experience. Have a strong grasp of computer science fundamentals

Personal

You will be part of a small web team developing products for a new technology field, your input on technologies, designs, processes and strategies will be valued by the company, and you will regularly work with external technology partners. Therefore, we look for people that are:

- **Quick learners**: You will need to be able to learn new technologies for project goals and be able to investigate and propose new technical approaches on demand.
- **Inventive and aware of perceptions**: You will need the ability to work with requirements that do not specify every detail and be comfortable suggesting refinements and interface designs by keeping in mind how the end user will experience the products you help create.
- **Interpersonal skills**: Proficient with oral and written communications skills. Collaborate well in a team environment and can develop leadership skills. Can develop warm relationships with external partners.

Bonus

There are some areas you will work on, where previous experience could make you a particularly interesting candidate. However, they are not required:

- Exposure to **3D Printing**, 3D modelling
- Exposure with **AI** technologies
- Experience with **MeanJS** framework
- Automated testing with Selenium
- CSS pre-processors experience such as less
- Familiarity with server-less architectures such as AWS Lambda
- Familiarity with AWS Elastic GPUs
- Knowledge of encryption protocols and security mechanisms

Why GROW?

GROW is a great place to develop, learn and do excellent work.

- Join a small team, where we are solving a huge challenge in an industry that will have a dramatic impact on the future
- Work with a variety of technologies and have the opportunity to research, propose and implement new techniques in quick time-frames.
- Great benefits, including professional development support, flexible hours along with the standard health care, 25 days' vacation, life cover and pension.

Join Now

Please send your CV and a short covering email to James Mann, Head of Development at james.mann@grow.am