

Senior Software Developer

VerseOne Group Ltd

1. Join VerseOne's Product Team

"Real artists ship."

At VerseOne, we ship every day. We ship websites, intranets, and seamlessly integrated self-service portals with multiple back-office system integrations. We ship collaboration software (including chatbots), innovative modules, new functional solutions (and improvements to old ones), and creative solutions to digital problems.

And we ship them all on our own market-leading, enterprise-level, Open Standards-based content management, collaboration and integration platforms.

With the company's accelerating growth and exceptional market opportunities created by the coronavirus pandemic, VerseOne is looking for more code artists to help us ship faster.

1.1. The right candidate

You are a talented senior developer looking for a transformational experience in a working software environment. You are a dedicated person who truly values the opportunity of building and shipping real software products and real solutions, and who wants to make a real contribution to the lives of the people in the sectors we serve and, ultimately, our company's growth.

You are a strong team player who believes everyone is working together as equals—each with their own voice and contributions; each with their own strengths and things to learn. You are keen to learn from, and with, your teammates—and believe in going the extra mile to teach, learn from, support and encourage your fellow "VerseOners".

You are curious and passionate about software development, and have the initiative to research and evaluate solutions to problems that might be outside of your existing skillset. You are an inventive developer who wants to contribute creatively to the development products and process, within the strong vision articulated by the leadership.

You want to work in a company with a great reputation, strong personalities, that has robust (but not constraining) ISO:9001 Quality Process accreditation, holds an *Investors in People* award, and which fosters a working environment in which your ideas are listened to, and in which you can effect change and development.

1.2. About VerseOne Group Ltd

VerseOne was founded in 2004 with the aim of using innovative technology to deliver real transformation in our chosen sectors of Social Housing and the NHS.

Holding true to our founding principles, we are now the market-leading provider of websites, intranets, secure portals, and online digital solutions to these sectors. We are proud that we have built a reputation for providing creative solutions on scalable, future-proofed software, and providing first class on-going support.

VerseOne combines robust ISO 9001 Quality Standard accredited processes with teams made up of people possessed of an entrepreneurial spirit (some of whom have been the company for over 12 years—including our Founder and Executive Chairman).

In short, VerseOne is an established and profitable software product and services company with an excellent reputation, which nevertheless preserves the entrepreneurial culture on which it was founded.

1.3. About the role

VerseOne writes its own Open Standards software platforms, with solutions deployed to a high-availability Azure environment, on which is delivered more than 250 solutions to an established user base of 120+ NHS and Social Housing organisations—delivering business-critical digital services to 300,000+ staff, and an estimated 20 million residents and service users across the UK.

Our software is continuously developed, in association with Champion Customers, and VerseOne has become extremely fast and reliable at developing new functionality on our frameworks.

Building on the company's continuing success, VerseOne is stepping up a gear to start shaping its next generation of products—and you will be a key component in driving this initiative.

1.3.1. The Products

Whilst VerseOne's existing frameworks provide the base of our market-leading content management platform, VerseOne knows that technology is developing at a tremendous rate.

VerseOne is looking to move its platforms forward, and re-engineer and enhance all of its software within the following architectural profile:

- API-first;
- micro-services architecture (currently prototyping in Moleculer: <https://moleculer.services>);
- modern technologies—one advantage of micro-service architecture is that we can choose the most suitable technologies for the requirements (but Node.JS will definitely be in there);
- modern GUI rendering—API-driven, and probably using React (or similar);
- more modern databases—possibly PostgreSQL combined with some NoSQL;
- use modern tools, e.g. ELK stack.

You will be a crucial component in building—and shipping—software that will make a real difference to our customers.

1.3.2. Skills and Technologies

New starters will be given full training and up-skilling in the existing frameworks, so that they can gain a good knowledge of our customers' requirements—and can actively contribute to the design, build and deployment of our new framework.

Once you have proven your understanding of our customers and needs, you will be working with our Founder and Executive Chairman, Lead Developer and Solutions Architect to craft the next generation of profitable VerseOne software.

1.3.2.1. Pretty essential

In order to work effectively, candidates need to have the following skills:

- demonstrable working knowledge of Node.JS and npm;
- thorough working knowledge of client-side Javascript frameworks like React/Redux or Angular;

- excellent understanding of web security concepts and practices;
- an excellent understanding of Object Oriented Programming (OOP);
- an excellent understanding of web service APIs;
- an excellent understanding of load-balanced server environments;
- excellent familiarity with server-side technologies, including web server software, e.g. Linux OS, Apache or nginx;
- advanced experience with SQL databases, e.g. MySQL, PostgreSQL;
- demonstrable experience in using Version Control, e.g. Git;
- experience of micro-services;
- experience with Azure or AWS, or similar high-availability Cloud environments;
- knowledge of CI/CD pipelines.

For this role, VerseOne would prefer candidates with 5+ years of commercial experience, however we would be willing to consider talented people with a minimum of 3 years.

1.3.2.1. Nice to have

The following skills and knowledge would be advantageous, but not essential:

- experience with reporting tools;
- experience with JSONb database queries;
- experience or knowledge of machine-learning and principles of Artificial Intelligence (AI);
- ability to write clean, semantic HTML5;
- knowledge of Web Accessibility;

- experience of containerisation (Docker, Docker Compose, Kubernetes, Kompose).

1.3.1. Progression

VerseOne has an ambitious on-going programme of product development, which is designed continuously to move our software platforms forward.

VerseOne is an SME and you will have the chance to suggest ideas, up-skill, and become a crucial part of the VerseOne team. As the company grows (the extent of which you will partly be responsible for), the scope for career progression will too.

2. Benefits

- Competitive base salary;
- generous Workplace Pension Scheme;
- generous Death in Service Life Cover;
- eligibility for equity participation (Share Options) following the completion of qualification period;
- a meritocracy with real opportunities to have your voice heard and to develop within the team;
- true organic potential for career progression through company expansion;
- wide range of skills and experience: software development, infrastructure support, containerisation and virtualisation.

3. Summary

We pride ourselves on working in real partnership with our customers and our staff—as evidenced by the fact that many of both have been with us for over a decade.

We want you to be part of our success story. If you want that too, and have the right technical skills, attitude and a real passion for harnessing the best of what technology has to offer to create great software, then contact us:

recruit@verseone.com