

Hello Abnormal Security and Mr V. Dubvrovskis,

I worked with Craig Nicol at Amor Group in Glasgow, back in the day.

He told me about this opportunity:

Software Engineer 2 - Portal Platform (Remote - UK; Full-time) - Full Stack Engineer

In terms of the job specification / job advertisement (found at

https://careers.abnormalsecurity.com/jobs/6491269003?gh_jid=6491269003), let me go through each of requirements methodically:

Must Haves

- BS degree in Computer Science, Applied Sciences, Information Systems or other related engineering field
 - Yes I have a 1st Class Degree in Software Engineering, graduated 2015.
- 2+ years experience designing and building full stack web applications
 - Yes I have 10 years commercial software engineering experience and 4 of those years I was writing React, Node.js, AWS and TypeScript.
- Expert on JS, Typescript, React, Redux
 - Yes. Redux I'm less familiar with but I know the design patterns. React has the Context design pattern, which provides a similar pattern to achieve global state management and scoped state management. Redux uses the Reduces, Dispatches and Actions.
- Experience working with distributed teams, proficient in asynchronous and written communication
 - Yes. I have worked remotely in all of my jobs apart from my graduate position at JP Morgan Chase (back in 2015-2017)
- You're growth driven & looking to increase impact & responsibility over time.
 - Yes, however I am coming back after a 1 year career break due to bereavement. I spent 4 months of this time travelling Thailand, India, Indonesia and Malaysian Borneo for self-care and diving. I am looking for mid level responsibility but I am easily a senior calibre engineer. I want to start my next job carefully and not push myself into any senior responsibility too soon, as it would be irresponsible.

Nice to Haves

Familiarity with our stack (AWS, K8, Python/Django, React, Postgres)

- **AWS:** I have worked with AWS commercially for 2 years, it is my cloud provider of choice. My personal projects all use AWS. I am studying using PluralSight's A Cloud Guru to make sure I fill any gaps in my AWS knowledge as it is a large domain.
- **K8:** I always have to have a surface knowledge of Kubernetes but don't have deep knowledge.

- **Python / Django:** I have old knowledge; I worked with Python at JP Morgan Chase and BlackRock, but it's been a while. I wrote my portfolio website in Django at the time but I have since migrated it to Node.js, TypeScript, React.js and AWS.
- **React:** I have worked with React for 2 years at The World University Rankings (Times Higher Education); all of my personal projects are written in React + Next.js
- **Postgres** - I have worked with Postgres for 4 years between The NBS and The World University Rankings (Times Higher Education). This is my relational database of choice.

Experience with large scale web frontend applications

- Yes. I am mainly a back end developer but I am comfortable writing React/Next.js front end applications.
- The 4 years of commercial experience that I have worked between The NBS and The World University Rankings (Times Higher Education) back up this claim.

Experience with web security (eg. OWASP top 10)

- This is a weak point for me
- I would need to take a funded course to become fluent in security.
- I have basic knowledge of the old problem of SQL injection
- I know how to counter DDOS attacks using rate limiting on web servers
- I strongly believe in giving the smallest set of permissions / access until more permissions are required.
- I have a very deep interest in digital fingerprint and understand the benefits of VPN and deleting locally stored cookies.

Finally, in terms of the fine print:

- *"All processes and pre-employment checks are in line with prevailing legislation and Abnormal Security's policies relevant to our security and privacy standards."*
 - Yes, I'm happy with this and confident about positive pre-checks.
- *"candidates offered employment must be eligible to access controlled technology under U.S. export control laws."*
 - Yes this should not be a problem for me.

Thank you for your consideration. Please see my CV for more specific employment history and tech stack experience. I am available from 6th April 2025.

Rob Rendell

robertrendell@hotmail.com

+447521301479