



JOB DESCRIPTION - SENIOR REACT FULL STACK DEVELOPER

Why this role?

- Help to transform education.
- Make a real difference to children's educational outcomes every day.
- Be part of a small but growing team.
- Enjoy a start-up style culture but with 10 years of success in the EdTech sector.
- Flexible and remote working.
- Regular company social events to get to know the team!
- Benefits including private medical insurance and OpenUp membership.

All about your role:

You'll work in our Dev team - made up of 6 talented developers but ever-growing! You'll work as a Senior Full Stack Developer and will be creating transformative educational technology on a daily basis.

You'll work across our platforms, meaning that ideally you will have an in-depth understanding of web and mobile application development, especially with React/Angular on the frontend and PHP/Node.js on the backend.

Although many of us work remotely, we're looking to grow our local team in Bedford. We have regular team outings and whole-company meetings (last time we went axe throwing!) so you'll meet the whole team regularly. As a result, we are recruiting for a hybrid role within the UK only, commutable to Bedford.

Who are Maths Circle?

Ever heard of Times Tables Rock Stars and NumBots? If you have a child or sibling at primary school right now, we bet they have!

Over 10 million primary school children around the world use our platforms to master their Maths skills. You could be part of the team that help these kids achieve their potential and leave school saying "I AM good at Maths."

- Small but rapidly growing team based in Bedford
- Founded in 2015 by a maths teacher with a passion to improve children's basic numeracy skills worldwide
- Queen's Award for Enterprise in 2020
- BETT 2022 Company of the Year Award
- Times Tables Rock Stars now used in over 80% of primary schools in England
- Featured in the Beano Brains' ***"Top 50 coolest brands for kids"***.

Ethos:

Whilst we work hard to make a difference to maths outcomes for millions of children across the world, we also like to have fun whilst we do it.

We have a fantastic, supportive team environment. Our constant innovation means that no day is the same and the opportunities and experiences are endless!

Your Key Responsibilities Will Be To:

- Lead the development and enhancement of new and existing features for the NumBots platform. This includes taking part in product roadmap discussions with our Product Managers and helping to identify how the platform can be developed to better support children's needs.
- Building new features in collaboration with our UX/UI designs, with a focus on maintaining our highly themed and polished design style.
- Manage and optimise MySQL databases, including writing efficient queries and performance optimisation.
- Implement and oversee automated and manual testing protocols to ensure software quality and reliability.
- Work with continuous integration and continuous deployment (CI/CD) systems to streamline development processes.
- Integrate third-party services into our platforms.
- Maintain and improve the existing PHP codebase, ensuring stability, performance, and security.

- Adhere to the best UI/UX design practices, creating responsive and user-friendly interfaces.
- Contribute to the development of our other platform, Times Tables Rock Stars, in collaboration with our wider dev team.
- Cooperate effectively within a team setting, promoting a positive and dynamic work culture.

Qualifications:

- Strong experience with React & PHP is essential (minimum 3-4 years).
- A focus on front end development with strong CSS experience.
- Experience with Angular and Node.js and NestJs & Laravel frameworks is a plus.
- Extensive experience in web and mobile application development.
- Strong skills in MySQL, including query writing and performance optimisation, crucial for managing high-volume traffic.
- A background in PHP, particularly in adapting legacy codebases, would be beneficial.
- Experience in developing and implementing testing protocols to ensure code integrity and quality.
- Knowledge of continuous integration and continuous deployment (CI/CD) systems, enhancing development processes.
- Familiarity with technologies like Ionic, Cordova, Redis, and Kubernetes is advantageous but not essential.
- Exceptional UI/UX design capabilities, with a focus on building scalable features for high traffic environments.
- Experience with third-party service integration.
- Proficiency in automated testing methodologies, ensuring high-quality and reliable software solutions.
- Excellent problem-solving abilities and adaptability in a fast-paced environment.
- Strong communication and teamwork skills.

Benefits:

- Company pension.
- Work from home two days a week
- Pure Gym membership or private health insurance with Vitality.

- Access to our mental health partner, Open Up, including free, regular, 25-minute counselling sessions.
- On-site parking.
- Sick pay.

Job Types: Full-time, Permanent

Salary: competitive. Please enquire for more information at recruitment@mathscircle.com

Schedule:

- Flexitime (7 hours per day with core hours between 10am and 4pm)
- Monday to Friday

Education:

- Bachelor's (preferred)

Work Location: Bedford. After probation, a flexible arrangement of 2 days at home and 3 days in the office is available to all staff.