



The Role.

Job title	Senior Software Engineer
Term	Permanent
Hours	37.5 Hours - Monday to Friday
Location	Commerce Road, Lynch Wood, Peterborough

About us.

e4education specialise in building software for schools. We already have a strong group of existing products, and are now about to embark on the development of a new and exciting suite of future applications. These applications will help take our growth even further and you could be part of the team responsible for helping to shape that future.

We're also a pretty friendly bunch too. If you like playing pool (yes we have our own pool table), gaming, or maybe just talking about next-gen tech with like minds then you'll find yourself in the perfect place.

About you.

Since software is the foundation of our business, we are looking for people who are passionate about producing high-quality, re-usable and testable code. There is therefore a strong emphasis on OO skills, design patterns, automated testing and "refactoring as you go" as a means of achieving that goal. Experience in an agile development environment (scrum / kanban / lean / etc) is also highly desirable.

You'll be an engineer who can quickly grasp (and potentially gather) project requirements, and who appreciates the difficulties that users for any specific product will face. We aren't necessarily looking for full-stack developers but if you are a back-end dev who has got good front-end skills then we'd love to hear from you.

In return for your strong skill set, you will have the privilege of working on greenfield projects, helping to choose the technology to shape those products from the ground up, and being free from some of the truly terrible constraints imposed on developers when working on old and gnarly legacy systems (we've all been there!).

We would love to hear from you if you've got a real passion for development, and take pride in producing great quality, robust code. And you...

- Have great OO PHP skills
- Have worked with a broad range of recognised PHP frameworks
- Have in-depth knowledge of at least one of those frameworks
- Have excellent database knowledge, both RDBMS and NoSQL
- Literally *hate* finding bugs in your own code because it means you missed something
- Have experience in an Agile development environment
- Unit test your code with PHPUnit
- Understand the difference between unit, integration and end-to-end testing
- Have used Docker, or understand what it is for, and how it facilitates a microservice architecture
- Have no problems using Git
- Love sharing your knowledge

Any experience with the following is advantageous:

- Skills with Node.js
- Experience with Python
- Proficiency at configuring and managing Linux servers and associated services (e.g. MySQL, Apache, Redis, MongoDB, etc)
- Experience of Bash scripting
- Reasonable networking knowledge (IP addressing, subnets, routing tables, firewalls etc.)
- Strong front-end skills

If you feel like you're a good match for the above role, then please get in touch!