JOB DESCRIPTION

SENIOR SOFTWARE DEVELOPER

Location: London Office/Hybrid Working
Reports to: Lead Software Developer
Grade: 4

What we do
We support pharmacists in their education and development, promote pharmacy in the media and government, and lead the way in medicines information across Great Britain and around the world. Our mission is to put pharmacy at the forefront of healthcare. Our **vision** is to become the world leader in the safe and effective use of medicines.

Our values
At the core of our culture, our values Focus, Agility, Quality, Collaboration and Respect describe the way we work to achieve our organisational goals. We believe people don't need to be fixed to their desk to achieve great things, so we offer flexibility to our people in how they do their work wherever possible, to bring out the best in everyone and provide an inclusive working environment.

Leadership in pharmacy
We define best practice for pharmacy professionals and help them achieve this through professional development, career support and training. We are here to support professionals with the challenges of pharmacy practice, and advocate for the role of pharmacy by setting professional and ethical standards, producing policy papers, and responding to consultations with government and industry.

Publishing
We're the world leaders in evidence-based pharmaceutical publications and guidance. Pharmacists and other healthcare professionals trust us to provide expert analysis, educational support, webinars, and news that informs, supports, and enhances their practice. We independently source, evaluate, and communicate and make practical medicines knowledge accessible worldwide.

Central Services
We support the organisation to achieve its goals by providing people, technology, facilities, and financial services.

Our governance and leadership
Our Assembly provides overall governance and strategic direction for RPS. Our three National Pharmacy Boards provide advocacy, support and strategic leadership for pharmacy practice and developments within England, Scotland, and Wales. The Pharmaceutical Press (PhP) Board advises the Assembly on the direction and approach of Publishing, while our Executive Team look after every aspect of our operations.

ROYAL PHARMACEUTICAL SOCIETY

JOB PURPOSE

The Senior Software Developer will design, implement, and maintain Pharmaceutical Press's publishing software, systems, and customer-facing digital products.

MAIN ACCOUNTABILITIES

- Design and implement system and software to meet PhP's requirements using appropriate tools and methods.

- Promote the creation of high-quality code by commitment to practices such as test-driven development, pair programming and code review.

- Be responsible for the technical development of all stages of software creation, including testing; ensure that implementation meets security, performance, and safety requirements.

- Suggest improvements to the code base, development processes, tooling and working practices. Encourage innovation by identifying, evaluating and adoption of emerging technologies.

- Assist with the design, implementation, and testing of open APIs.

- Support live applications by responding to support issues in a timely manner, and escalating issues appropriately.

This list is a summary of the main accountabilities of this role and is not exhaustive. The role holder may be required to undertake other reasonable duties from time to time.

RPS is committed to supporting the worldwide decarbonisation efforts, and our Technology Directorate's role is to facilitate and drive efforts to minimise RPS's carbon impact through all our technology services and initiatives.

SUCCESS MEASURES

- Delivery of high quality, robust and secure working software aligned to a defined solution architecture.

- An effective working culture within the engineering team, delivering change within agreed timescales.

- Engagement and collaboration with internal colleagues, stakeholders, and customers.

- Adherence and improvement to development and working practices.

KNOWLEDGE & SKILLS FOR THIS JOB

- Able to demonstrate commercial software development experience.

- Practical experience in system design, development, testing and operational stability.

- Deep knowledge and experience in Python and its ecosystem, patterns and pitfalls.

- Experience applying continuous delivery, test driven development and pair programming.

- Experience of working in an agile environment and an understanding of Scrum principles in particular.

- Experience writing and consuming RESTful APIs in Python.

- Experience with AWS services (Lambda, SQS, API gateways, S3).

- Excellent organisational skills, with the ability to prioritise work, and work to deadlines.

- Good communication, negotiating and influencing skills, with the ability to provide clear explanations and technical guidance to non-technical audience.

- Front end development is a plus.

February 2024