

## **JOB DESCRIPTION**

### **INTERN SOFTWARE DEVELOPER**

Location: London  
Reports to: Lead Software Developer  
Grade: 2

#### **Who we are**

The Royal Pharmaceutical Society is the professional membership body for pharmacists and pharmacy in Great Britain. We advance the profession of pharmacy for public and patient benefit to secure the future of the profession and our members.

#### **What we do**

We lead and promote the advancement of science, practice and education in pharmacy to shape and influence the future delivery of pharmacy driven services.

We support and empower our members to improve health outcomes for society through professional guidance, networks and resources

#### **How we work**

We are:

- Focused on delivering for members, patients and the public
- Committed to listening and learning
- Collaborative in our approach to success
- Dedicated to excellence in everything we do

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## **JOB PURPOSE**

To develop and maintain Pharmaceutical Press's publishing software, systems and customer facing digital products.

## MAIN ACCOUNTABILITIES

1. Strategy and architecture
  - a. Analysis of data for certain tasks, including research and evaluation of solutions.
  - b. Maintain knowledge through documentation.
  - c. Apply defined techniques when manipulating data in a safe and ethical way.
  - d. Advise on the choice of methods and tools within the development team.
2. Change and transformation
  - a. Collaborate with senior team members on defined projects and ensure that status is adequately communicated.
  - b. Assist with the definition and documentation of requirements.
3. Development and implementation
  - a. Design and document simple systems and software to meet the business's requirements using defined tools and methods.
  - b. Create high-quality code by commitment to practices such as test-driven development, pair programming and code review.
  - c. Be involved in all stages of software creation, including testing.
  - d. Assist with the testing of user interfaces; implement simple user interface components.
  - e. Assist with the testing of system components.
4. Delivery and operation
  - a. Be involved in investigation of security problems; escalate where necessary.
  - b. Maintain support documentation and help with carrying out the support of systems.
  - c. Assist with the management of systems and processes for ensuring data protection.
  - d. Assist with problems and incidents according to defined procedures.
5. Relationships and engagement
  - a. Participate in support activities for both internal and external customers.

**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.**

## SUCCESS MEASURES

- Delivery of high-quality working software on time
- Satisfied customers
- Adherence to development and working practices

## CORE RESPONSIBILITIES FOR THIS JOB

- Personal responsibility
- Achieving results/delivering performance
- Problem solving

## BEHAVIOURAL COMPETENCIES

Behavioural competency	Level required – ops, mgr, senior mgr
Strategic perspective	ops
Delivering a member and customer focussed service	ops
Communication	ops
Planning and organisation	ops
Openness to change	ops
Negotiating and influencing	ops

## KNOWLEDGE & SKILLS FOR THIS JOB

- Essential:
  - A keen interest in software design and development and are eager to learn more.
  - Able to demonstrate some software development experience through personal projects or coursework.
  - Knowledge of a programming language, preferably Java or a functional language (e.g. Scala, Erlang or Clojure).
  - Good organisational skills, with the ability to prioritise work, and work to deadlines.
  - Ability to provide clear explanations and instructions orally and in writing.
- Nice to have (not essential):
  - Some knowledge of JavaScript, XML and web servers in software development projects; continuous delivery, test driven development and pair programming.
  - Familiarity with any of the following: Play 2 web framework, Vue.js, Akka HTTP, RESTful frameworks (including JSON), testing frameworks (e.g. Scalatest), databases (XML, MySQL, Elasticsearch), build tools (Gradle, SBT) and versioning systems (Git).
  - Awareness of devops technologies and processes, such as automation tools (e.g. Puppet, Chef, Ansible), continuous integration (e.g. Jenkins, Nexus), shell programming (e.g. bash, sh, tcsh), cloud environments (e.g. Amazon AWS, Google Cloud, Azure).
  - Basic understanding of algorithms and data structures in creating performance-conscious software solutions.
  - Basic knowledge of data modelling techniques.