

PUBLISHING TECHNOLOGY PLC
JOB DESCRIPTION

JOB TITLE: Senior Java Software Engineer
JOB REF: SOL068
DIVISION/DEPARTMENT: Engineering/Online Division
REPORTING TO: Engineering Team Leader
JOB TYPE: Full Time/Permanent
LOCATION: Oxford or Bath
PURPOSE OF JOB
To develop, maintain and support Online Division software applications.
KEY RESPONSIBILITIES
<ul style="list-style-type: none"> • Being the technical lead for one or more areas of the Online application architecture and/or customer projects • Developing applications throughout the development lifecycle including technical specification, design, unit testing and system testing • Development of new products and features and maintenance of existing products • Adherence to engineering best practice and promoting it to other team members
MAIN/CORE TASKS
<p>Engineering:</p> <ul style="list-style-type: none"> • Implement new applications, platform features, and bespoke extensions to the core Publishing Platform • Contribute to engineering of a configuration driven platform that can be customized for specific client needs • Contribute to the re-engineering of legacy applications and other infrastructure improvements • Maintain and develop existing applications and services, including handling of bug reports and queries • Produce test code (unit tests and functional tests) as part of day to day engineering practice. <p>Technical Analysis and Specification:</p> <ul style="list-style-type: none"> • Produce technical specification documents for new components, feature upgrades and bespoke enhancements. • Contribute to documentation for new components or legacy applications to encourage knowledge sharing between team members <p>R&D:</p> <ul style="list-style-type: none"> • Investigate and report on new technologies and development tools <p>Maintenance:</p> <ul style="list-style-type: none"> • Responsibility for diagnosing and fixing bugs and problem code • Deal with problems reported via bug reporting tool, and/or queries raised by other internal teams • Provide level 2 support for critical issues when contacted by on call staff outside of business hours on occasion.

General:

- Assist with planning by producing estimates for new features and enhancements
- Contribute to the ongoing development of engineering best practice and procedures. Promote to other members of the team.
- Act as mentor for junior team members or less skilled Java engineers, ensuring good knowledge sharing
- Communicate clearly with internal clients, e.g. producers, client managers, product management
- Work closely with producers, product management and information architecture teams to ensure requirements are effectively captured and documented.

KEY SKILLS SUMMARY

- Java/J2EE including EJB servlets
- Eclipse (or similar IDE)
- JSP/JSF
- XML
- JUnit
- SQL
- CVS or other configuration management tool
- Object Oriented design
- Knowledge of Design Patterns
- Linux/Unix
- JBOSS/Tomcat (or similar application servers)
- Relational Database (Postgress, Oracle)
- PERL
- XSLT

SPECIAL TASKS

None.

FLEXIBILITY STATEMENT

The fast moving nature of the company's business also means that you may, from time to time, be asked to perform roles outside your original job description. This allows the company to utilise its people in the best possible way at all times and to help employees make their contribution to a changing environment.

INTERNAL RELATIONSHIPS

Other members of the Engineering Team, Team Leader, Engineering Manager and Technical Architect.

Product owner and client managers

EXTERNAL CONTACTS

N/A.