



JOB DESCRIPTION

Job Title	Software Engineer
Job Holder	Click here to enter text.
Reports to	Team Lead
Date	December 2015

1. Job Purpose

Software engineer's main role is to develop, maintain software applications by studying business operations, designing, developing, and installing software solutions. The Software engineer will work on an Agile development environment with continuous integration process, unit testing and peer reviews.

Often have to explain business processes to other programmers and technology restraints to non-technical business managers.

Increasingly need to have knowledge of some computer programming languages and applications, this is due to the wide variety of work that they can be involved in.

2. Dimensions

Financial:	Responsible for ensuring development work and processes falls within agreed time & budgets.
Staff:	No direct line report.
Other:	Click here to enter text.

3. Principal Accountabilities

- Responsible with code writing based on agreed framework and architecture.
- Responsible in the Unit Testing of the modules assigned.
- Has a working knowledge with the required development tools and technology.
- Ability to investigate and analyze information and to draw conclusions. Innovative and ability to learn and support new systems and applications.
- Train entry level employees
- Test applications for quality assurance purposes
- Learn about new programming languages
- Complete daily organizational functions like worksheet report.

- Use approved software tools and follow scrum software development processes procedure in place.
- Prepare point releases for projects that require such document.
- Continually updating technical knowledge and skills by attending in-house or external training, reading manuals and reviewing new applications.
- Work closely with the dev ops/infra , build and release , and database team to ensure swift and efficient Implementation of point releases document and codes to Live servers.
- Ensures that database design is scalable and maintainable

Additional Duties

To carry out any other duties which may be reasonably expected of you by your immediate manager or a senior director.

Press Policies and Procedures

To abide by all Press policies and procedures, as detailed in your contract of employment and the Staff Handbook, e.g. Health and Safety, e-mail and Internet use and standards of behaviour.

4. Context

(a) Operating Environment:	Working closely with multiple teams such as Acpro QA group, Content Services Group, Dev ops group, Database Group , Scrummaster, Product owner and the Academic Business both within the UK and Manila.
(b) Framework & Boundaries:	Compliance, permissions and code of ethics adherence Internal systems (Cambridge Core platform, Core Online, Core Admin and content, AcPro Legacy Applications)
(c) Organisation:	Click here to enter text.

5. Relationships

(a) Subordinates:	No direct reporting lines but will be responsible for coordinating status of development work to scrummaster or team lead. This contact will be daily and is predominantly handled via stand up, email, chat and video conference calls but may on occasion require travel to Cambridge office.
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(b) Superior(s):	Daily contact with line manager(TL), Solutions leads, senior developers, weekly team meetings
(c) Other Contacts: Within the company Outside the company	Frequent contact with TST group , release group to validate the codes. Infrequent but contact with Architect may be required.

6. Knowledge and Experience

2 year java, HTML, JEE, JSF ccs, Spring , struts framework using Oracle as
backend database

2 year + PHP laravel in a web environment

No Ssql experience, ideally with MongoDB

1 year server side Javascript development (ie, Node JS)

Knows tools including SVN, Git

To communicate clearly and effectively with colleagues in IT team, as well as non-technical users
At least 2 years of working experience in the related fields is required for the position
Strong background on object oriented

7. Job Challenge(s):

Managing the expectations of the Scrummaster, Product owner and team
lead.

working in a team with codebases you didn't write

Working to tight deadlines whilst continuing to deliver quality product.

Ability to reprioritise shifting requirements.

Train entry level employees.

Development using new technology.

8. Additional Information:

Click here to enter text.

9. Sign Off

Job Holder [Click here to enter text.](#)

Date

Manager [Click here to enter text.](#)

Date