

David Hutchison

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I am a software developer with 6 years professional experience delivering solutions using a range of different technologies. I am passionate about good user interface design and building robust, maintainable software. I thrive when working under pressure and enjoy learning new technologies. I am always looking for a challenge.

Employment

SOFTWARE DEVELOPER, THE SEEMIS GROUP LLP, HAMILTON, JULY 2008-PRESENT

I started off at SEEMiS as a fresh faced graduate, just out of university. In my time here I have honed my skills with a variety of technologies while also gaining confidence in my abilities as a developer.

This role consists of developing and maintaining Information Management Systems used in the education sector by all 32 of the Scottish Councils.

My main responsibilities have grown over time, they now include :

- Full software development cycle involving clients and teams of developers, from requirements capture all the way through to delivery. The development environment consists of Eclipse, JUnit, Ant, Hudson and CVS.
- Database design, implementation and optimization. The main database has always been Microsoft SQL Server, but MySQL has been used for a select few projects.
- Producing deliverable specifications from requirements which can be implemented by other developers.
- Testing of software; both during development and final integration testing using both manual and JUnit methods. This includes production of test plans for integration testing by other developers and client support team prior to deployment.
- Presentation of developments to Client Support Team and clients in a non-technical manner.
- Planning time using Scrum methodology to meet deadlines.
- Providing second tier support including answering questions, correcting data and identifying faults.
- Mentor and advise other developers where required.
- Production of technically focused documentation for new and existing systems.
- Working with external organisations on projects such as data feeds.
- Working with the Infrastructure team on new projects and resolving issues.
- Configuration of application servers, including creating scripts so this process is reproducible.

During my time here I have worked with a number of frameworks, both legacy and current. Server frameworks I have used include Spring, JDBC, EJB, RMI and various flavours of web services (RPC, SOAP and REST). User interface development has mostly been in Swing, but I have also had experience with JSP / servlets, HTML / javascript and Echo2. Many open source products have been used in the solutions such as iText, JasperReports, SwingX and JXL, some which required fixes to be contributed.

Education

Oracle Certified Professional, Java SE 6 Programmer, 2012

University of Strathclyde, Glasgow, 2.1 BSc. Hons. Computer Science, 2004 — 2008

Skills

Through my time doing professional, academic, and hobbyist software development I have worked with a wide selection of software technologies. I enjoy learning new technologies as required to meet requirements and try to keep up to date with both new technology and industry developments.

In addition to the technologies I have listed above as part of my day to day work, I also have past experience using: JAX-WS, JAX-B, Java EE 5/6, Glassfish, JBoss, ApacheDS, Axis 1.4 (with WSS4J), PHP, HTML, CSS (with LESS), Jekyll, Ruby and Python.