

# Barry O'Neill



Princeton, NJ, USA



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barryoneill.net



github.com/barryoneill

## ■ Profile

Experienced software developer, specializing in enterprise Java-based web applications. Extensive background in the full software development lifecycle, including requirements gathering, design, coding, testing, debug and maintenance.

## ■ Technical Skills

### Languages/Markup APIs/Frameworks

Java, Perl, Shell, Python, HTML, JavaScript DHTML/DOM, XML, JSON, CSS  
Android, J2EE, Servlets, JSP, Struts, JSF, Spring, JDBC, Hibernate, iText PDF,  
LDAP/JNDI, J2ME, XMLBeans, Apache Axis, Oracle Fusion Middleware/ADF,  
DHTML/DOM, AJAX, yFiles, Aspose, Eclipse BIRT, Django

### Tools

Eclipse, IntelliJ IDEA, Android Studio, JDeveloper, PyCharm, Ant, JUnit, Maven,  
Selenium, MagicDraw UML, AndroMDA, Mantis, Bugzilla, Cruise Control, Hudson

### Web/Appservers

Apache, IIS, Tomcat, Websphere, Weblogic, Oracle Application Server

### Databases/SQL

Oracle, MySQL, MS SQL Server, PostgreSQL

### Source Control

Git (GitHub), Subversion, Perforce, CVS

### Administration

Windows, Linux, Email (Postfix, SLOX), Networks (Cisco Ethernet, ISDN, PIX  
Firewall)

## ■ Professional Experience

### Freelance Software Developer

Aug 2013 - Present

Hosted Graphite, Dublin, Ireland - [hostedgraphite.com](http://hostedgraphite.com)

- Design, prototyping and development of an Android app for graph dashboard monitoring.
- The development of a Java API to support the app, which is planned for a separate release.
- Implementation of new features for a customer-facing web application.
- Design and implementation of a utility to import data from AWS Cloudwatch.

### Software Engineer, Customer Systems

Dec 2008 – Aug 2011

Verband der Vereine Creditreform, Leinfelden-Echterdingen, Germany - [creditreform.de](http://creditreform.de)

- Lead developer for several customer-specific projects with complex workflows, involving J2EE business logic with custom web functionality.
- Collaborated with the software configuration manager on the specification and configuration of our Weblogic, Tomcat, Apache and Oracle DB servers.
- Led the migration of several core CrefoSystem components from Java 1.4 to 1.5, including migration from Weblogic 8 to 10.
- Lead technical role on the "CrefoSystem 2.0" project, using Oracle's Application Developer Framework to deliver Creditreform's newest generation of business information.
- Created a proof-of-concept app (yFiles/AJAX) for visualizing company hierarchy information. This application replaces the legacy applet-based solution, thus vastly simplifying our client's minimum system requirements.
- Lead role on web-based dynamic reporting application, using Eclipse BIRT.
- Developed a Single Sign-On solution for linking sessions across separate application servers.

## ■ Professional History (continued)

### Software Consultant and Contractor

Nov 2006 – Nov 2008

*YouGetItBack, Cork, Ireland - [yougetitback.com](http://yougetitback.com)*

- Consulted with YGIB on the day-to-day technical affairs of the company's online presence.
- Provided instruction/supervision of junior developers.
- Led the overhaul of the online store and tag registration system.
- Designed and prototyped the 'print your own' tag system (iText PDF generation).
- Created the proof-of-concept J2ME implementation of the 'mobile superhero' protection software.
- Oversaw struts/mysql/tomcat/apache/linux configuration, as well as the rollout of upgrades.

### Senior Software Developer

Jun 2002 – Oct 2006

*TERMINALFOUR, Dublin, Ireland - [terminalfour.com](http://terminalfour.com)*

- Lead developer for of many core modules of the flagship 'Site Manager' product.
- Simplified provisioning for many of our larger customers through the introduction of LDAP integration.
- Introduced source control, project structure, and build policies, cutting developer environment setup time in half.
- Designed a more efficient publishing system, resulting in significant savings in publish time.
- Project manager for a year-long project for one of our largest customers, replacing two separate legacy systems with a single web application.
- Designed and developed installation, upgrade and licensing modules which completely changed how our product was delivered to the customer, resulting in huge time savings for both us and the client.
- Supported in-house and customer-based technical staff with the development with our APIs as well as with deployment issues.

### Junior Software Developer

Jun 2000 – May 2002

*TERMINALFOUR, Dublin, Ireland - [terminalfour.com](http://terminalfour.com)*

- Supported several customers with system, configuration and deployment issues.
- Installed and maintained both internal and on-site equipment.
- Designed and developed custom perl and java-based web applications for customers.
- Wrote a significant amount of technical documentation for our intranet.

### Technical Support Representative

Nov 1998 – May 2000

*Ireland On-Line/ESAT Telecom (Now: BT Ireland) - [btireland.ie](http://btireland.ie)*

- Provided first and second level technical support to both residential and business customers.
- Trained and supervised new support employees.
- Updated and provided new material for the support intranet.

## ■ Education

**B.Sc. Computer Applications**, Dublin City University, Ireland (2002) - [dcu.ie](http://dcu.ie)

## ■ Other Information

Developer of several published, open-source Android apps ( [github.com/barryoneill](https://github.com/barryoneill) )

Sun Certified Web Component Developer (SCWCD 5)

Sun Certified Java Programmer (SCJP 1.4)

Languages: English (Native speaker), German (working proficiency, TELC Zertifikat Deutsch B1)