

# James David Booth

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<http://www.boothj5.com>

<http://www.github.com/boothj5>

## Summary

I am an enthusiastic software architect and developer with over 16 years experience based in London, looking for interesting work, and talented people to work with.

## Education

### **BSc (Hons) 1st class, Computer Science with Industrial Experience**

University of Manchester (1995 - 1999)

### **4 A-levels including Computer Science (A) and Mathematics (B)**

Westbourne High School, Ipswich

### **10 GCSEs**

Westbourne High School, Ipswich

## Employment History

### **Sky**

#### **Senior Software Developer, October 2013 – Present**

**Technologies:** Java, Dropwizard, SpringBoot, Hystrix, Maven, Gradle, Junit, Mockito, Wiremock, Cucumber, Jenkins, Cassandra, AWS.

Working on high availability, rapidly scalable back end services for Sky's next generation internet TV platform, my responsibilities include the following:

- Developing various micro services for the platform, including the core user authentication and management service, and the secure public facing API for mobile devices, games consoles and set top boxes.
- Diagnosing and solving performance and scalability issues during Non Functional Testing, both on individual components, and across the platform.
- Involvement in defining and implementing a continuous delivery strategy from development through to production.
- Sharing knowledge with other teams regarding solutions to common performance issues and bottlenecks.
- Carrying out interviews and pairing test evaluations of potential new developers.

### **Corelogic Ltd**

#### **Architect and Developer, March 2003 – September 2013**

**Technologies:** Java, JEE, Spring, Spring MVC, Struts, Toplink, MyBatis, Javascript, JQuery, HTML, CSS, XMPP, Ant, Ivy, JUnit, TestNG, Hudson/Jenkins, SVN, Git, SQL, Oracle, SQLServer, Linux

Corelogic are a leading provider of social care systems. I joined Corelogic as one of three Java developers, hired to turn a Visual Basic application with a single customer, into a web based Java Enterprise Application (Frameworkki/Mosaic) to take the company forward, when I left Corelogic had progressed from 1 to 40+ customers, including over a third of London boroughs.

After joining I took a lead on the development, using my knowledge gained at Quidnunc, to build a well structured, flexible and maintainable system, all within a year to secure our second customer and gain an edge in the market.

Since the initial delivery, the functional and architectural requirements demanded of Frameworkki grew beyond anything we'd imagined when the project started. But due to our architecture we were able to adapt,

and remain a leader in the market.

With a development team of 40 across 3 offices, my responsibilities included the following:

- Writing and reviewing code, making and reviewing technology choices
- Communicating the architecture to the development team, Setting up processes around code quality.
- Working closely with managers, scrum masters and product owners to define long term road maps and short term plans.
- Setting up and maintaining a component based build system, continuous integration process and branching and release strategy
- Mentoring less experienced developers, leading a learning programme, and hiring new staff
- Responding to sales tenders

### **Quidnunc Ltd**

**Senior Developer, September 1999 – December 2002**

**Technologies:** Java, J2EE, Struts, SQL, Perl, Javascript, HTML, CSS, Ant, Oracle

Quidnunc were a software consultancy during the dot com boom, offering ecommerce, intranet and CRM solutions across various sectors, including retail, media, law, insurance, investment banking and telecoms.

I worked as a developer and eventually as technical lead on various projects, providing technical leadership for all phases of development, working with customers and providing training after delivery.

### **ICL (Industrial Placement)**

**Trainee Developer, August 1997 – August 1998**

As part of my degree I spent a year at ICL, where I worked in the performance team at their West Gorton offices in Manchester. During this time I was involved with running benchmarks against new hardware, and fixing small bugs in virtual memory management software using the S3 systems programming language.

## **Hobbies and interests**

### **Photography**

I've been interested in photography since school, I've entered a few competitions, and even managed to win a couple.

### **Cycling**

I enjoy cycling, both to work, and exploring London when I find the time.

### **Programming**

I have enjoyed learning about different programming languages (C, C++, Lisp, Smalltalk, Python, Ruby and Haskell) in my own time, both through reading about them, and by writing something with them.

Free and Open Source Software is also big passion of mine, I currently maintain a small number of projects, the most active being Profanity (<http://www.profanity.im>), a console based XMPP client written in C, and JArch (<http://www.boothj5.com/jarch.shtml>) a simple static analysis tool written in Java, to verify the layering and modularity of Java code, used by the Continuous Integration environment at Corelogic.