

James David Booth

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Summary

Principal Software Developer with 20+ 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

Yoox Net-A-Porter

Principal Software Engineer, December 2015 - Present

Technologies: Java, SpringBoot, Spring Reactive, Maven, Junit, Mockito, Wiremock, Python, Jenkins, AWS (S3, SNS, SQS, ELB, RDS, DynamoDB), Docker, Terraform, ADFS, SAML

Practices: Agile

Working in the area of providing backend recommendations services and UI tools for the business to curate the recommendations. As a Principal Software Engineer my responsibilities included:

- Designing and developing microservices to integrate with other areas and systems.
- Working closely with Product Owner and Deliver Manager to help define and plan the road map
- Communicating with other feature and architecture teams to ensure that our team is taking the correct approach, and also to suggest ideas/solutions
- Ensure that new technologies/options are always considered when making implementation decisions
- Continuously improve our projects where possible
- Run regular meetings with developers to share knowledge etc
- Mentoring graduates.
- Interviewing new candidates

Sky

Senior Software Developer, October 2013 – November 2015

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

Practices: Agile, Paring, TDD, BDD

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

- Developing 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 TVs.
- 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 for 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

I joined Corelogic as one of three Java developers hired to turn a Visual Basic application into a web based Java Enterprise Application (Framework/Mosaic). By the time I left, Corelogic had progressed from 1 to 40+ customers, including over a third of London boroughs.

As the customer base increased I took a lead on the architecture/development so our system could handle many new architectural and functional requirements..

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 was a software consultancy 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. I was involved with running benchmarks against new hardware, and fixing small bugs in virtual memory management.

Personal Projects

Programming has also been my hobby as well as my career. I have enjoyed learning different programming languages and low level details of how protocols work etc. My github account/website shows some examples.

Profanity

Profanity is an open source XMPP terminal based chat client written in C. It also includes an API so plugins can be written in C or Python. I created the project and worked on it for 8 years, and it's now being maintained by other developers and testers. It was also published in the O'reilly book "Essential Linux Commands".

Other Small Projects Over Time

Pyloc: A tool written in Python used to count lines of code in different languages across a project, and present the results as a pie chart.

Head-Unit: A unit testing framework written for C.

Stabber: Library with the ability to Stub XMPP messaging to help testing.

JArch: 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

Minions: XMPP chat bot framework written in Java.