

Simon Booth

Senior product architect specialising in mobile applications and web services

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Date of birth	30 th March, 1980	Nationality	British

I am a software engineer with over a decade of experience building enterprise-grade mobile applications and web services. I am currently responsible for mobile apps at Credit360. My experience and enthusiasm could make me an excellent addition to your team.

After completing a degree in mathematics including computational projects, I worked as part of a small team developing large-scale web-based systems. I took projects from the initial specification of the product through to the final customer signoff and delivery, working at every step to provide the best possible solution.

My first assignment was to complete the British Pathé website, a site written in Coldfusion, and commented in Hungarian. I had no experience with either language, so it was necessary to learn fast. I began work September 23rd; the site was launched by the Culture Secretary, Tessa Jowell, on November 19th.

I have used a wide range of technologies. When it became necessary to move away from Coldfusion, I rewrote our web engine in PHP. I wrote an embedded web server, telnet and SNMP services for use in our DVB-to-IP gateway, in a subset of C. I wrote or rewrote every component of our .NET database client using C# and C++/CLI. When I left the web team at CIS, they found it necessary to hire two people to replace me.

At 118118, I led my group through the transition from high-performance Ruby on Rails web development to mobile applications programming, developing the skills of the team to match the changing demands of the business while preserving our test-driven approach and extending our agile processes to other teams in the business. I provided technical advice to our legal counsel, and when I felt that features were missing or needed improvement, I worked in my own time to implement them.

I moved to CRedit360 to help them bring their web-based services to mobile apps. I built a REST API on top of their existing .NET and Oracle infrastructure, and created a suite of apps which are distributed through the normal App Store, through Apple's B2B channels and through customers' own stores. I developed an approach for creating client-server apps with intermittent access to the server. I have also built smaller apps at short notice to demonstrate potential business offerings.

In my spare time I have written the apps "You Are Here" and "Chiptunes Pro", available through the App Store.

Professional Experience

CRedit360 Ltd – Senior Product Architect

- 2012-present
- Created the mobile apps and API from scratch
 - Designed new product areas for the CRedit360 web service.
 - Keywords: iPhone, iOS, Objective C, Oracle, C#, ASP.NET MVC

The Number 118118 Ltd – Technical Team Leader

- 2010-2012
- Led team in agile, test-driven development
 - Delivered status reports, acted as Scrum Master and mentored co-workers
 - Produced the 118 iPhone app, maintained the 542542 and 118118 SMS platforms, and architected the KGB Answers website.
 - Keywords: iPhone, iOS, Objective C, Ruby, Ruby on Rails, MySQL, HTML, Javascript, Git, NginX, Amazon Cloud services, OSX, Agile, Scrum, Test-driven development

Cambridge Imaging Systems – Software developer

- 2002-2010
- Developed bespoke software tools and websites for the television, archive and pharmaceutical industries, for universities and standards bodies, and for the Ministry of Defence and MI5
 - Liaised with Tiscali and Janet network engineers, RBC and LEA representatives, and ITN and Google engineers
 - Represented the company at conferences
 - Specified and tested open interfaces for the company's products
 - Keywords: C, C#, C++/CLI, .NET, SOAP, SNMP, PHP, Coldfusion, HTML, Javascript, Bash, PostgreSQL, Apache, CVS, Subversion, Coldfire, Linux, Windows

Allstor Software – Software Testing Engineer

- Summer 2000
- Worked as part of a small team investigating bug reports
 - Wrote tests for suite of data library management products
 - Provided feedback for a PhD in software testing
 - Keywords: TCL, Linux, Windows, Solaris

University of Leeds – Work Experience

- Summer 1996
- Tested practical experiment design for the Physics department
 - Produced written report and “7 wonders of the universe” site
 - Keywords: HTML, Unix

Also various temporary positions including accounts clerk, telephone sales receptionist, silver service waiter, kitchen porter and playgroup assistant.

Education

Open University

- 2005
- Short course S195, *Introduction to the Human Genome*

Emmanuel College, Cambridge

- 1998 – 2002
- BA (hons) Mathematics grade: 2:1
included computational project using Java and Matlab

- MA, automatically awarded 7 years after matriculation

Harrogate Grammar School

- 1992 – 1998
- ‘S’ (highest grade) at STEP Mathematics II and III
 - ‘1’ (highest grade) in S-level Physics and Chemistry
 - ‘A’ at A-level Mathematics, Further Mathematics, Physics and Chemistry
 - 10 GCSEs including ‘A*’ in English (S&L) and ‘A’ in French and German
 - School prizes for Mathematics, Chemistry and Spoken English

The Priory School, Kingston, Jamaica

- 1990 – 1992
- Winner of government scholarship

Other experience

Friends of Milton Country Park

- 1999 – present
- Treasurer, funding projects in the park.

Emmanuel Rugby Club

- 1998 - 2002
- 2nd team Captain, organising social and sporting events
 - Referee, responsible for the well-being of two teams of players, and the interpretation of a large body of complex rules.

Cambridge University Roleplaying Society

- 1999 – 2002
- Secretary, Vice-president and President, responsible for organising events and publicity

Emmanuel College Bar

- 1999 – 2002
- Head Bar Person, responsible for the management of a small team of bar workers providing hospitality to up to two hundred people, provision and maintenance of stock, and thousands of pounds in takings.

Emmanuel College Development Office

- 2000 – 2001
- Fundraiser, responsible for contacting alumni on behalf of the college, and advising them of the tax benefits of various ways of giving.

Interests and Activities

- Board games**
- Design and playtesting
 - Won design competition for Settlers of Catan expansion

- Photography**
- Demonstrated new technology for local photography group
 - Won wildlife photography competitions

References

Available on request.