Mattia Barbon

Software developer

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Amsterdam, Netherlands

With 14 years of experience in software engineering, I have participated in software projects ranging from multi-team company-wide deployments to single developer project for a small customer. As part of a team, I developed, rolled out, monitored and maintained a multi datacenter software project with hundreds of servers.

My focus is to maximize impact: as a developer I prefer writing clean, nice code, but I want that code to provide value to my employer, my co-workers and customers.

Learning new technologies has been an integral part of my career. At the moment I am comfortable with Java (with a dash of Clojure), MySQL, Go, Perl, C++, React (and React Native), Python and Kubernetes. I still remember enough assembly to be able to read generated code.

Experience

August 2017
January 2018

Co-founder and developer at Prymr.nl (Amsterdam, Netherlands)

As co-founder of a pre-seed startup, I was always wearing multiple hats and forced into non-tech fields I had no familiarity with.

My technical work included writing mobile applications in React Native with a Java backend and then moving the functionality to React web. I also dabbled in PPC and SEO.

May 2013
July 2017

Senior software developer at Booking.com (Amsterdam, Netherlands)

In Booking I was a member of different teams in the core infrastructure department.

I helped rewrite, deploy and maintain the template library used by frontend teams. In another team we rewrote the core hotel search logic and helped introduce Java as the second business language.

Starting from an hackathon project, I created and deployed a Perl statistical profiler that helped find and fix production performance bottlenecks.

February 2009
April 2013

Software developer at Develer S.r.L. (Florence, Italy)

Develer provides hardware and software development to third-party customers.

I worked both independently and as part of small teams to develop applications and libraries. My main focus was GUI applications for desktop and embedded, using Python, C++ and Qt.

Experience

December 2005
January 2009

Software developer at Dada (Florence, Italy)

My job was to develop, maintain and troubleshoot the subscription business logic for the DadaMobile mobile VAS service, using Perl, Apache/mod_perl and MySQL.

I worked independently on design, implementation and maintenance, including a complete rewrite that was required to move from CGI to mod_perl.

October 2003
November 2005

Consultant at Altevie Technologies S.r.L. (Treviso, Italy)

Analysis and development of enterprise applications using SAP Enterprise Portal and SAP Web Application Server.

December 2002
December 2011

Software developer at Consorzio CFL2000 (Italy)

CFL2000 created linguistic software to preserve and spread the Friulian regional language.

I created and refactored desktop applications using Perl and the wxPerl GUI framework, including
• create from scratch a bilingual application for the full Friulian dictionary
• rewrite a smaller application for the orthographic dictionary
• rewrite an existing spell checker, and integrate it with Microsoft Word (using COM)
• create a web interface for the bilingual dictionary

Education

1998-2003

MSc in computer science at Università Ca' Foscari (Venice, Italy)

The lectures cover various CS subjects, both theoretical and practical (programming, operating systems, distributed systems, database programming, computation theory, formal languages, …).

The degrees I received are "Laurea di primo livello" (roughly translates to a BSc) and "Laurea specialistica" (roughly translates to an MSc).

Skills and languages

Native Italian speaker. Fluent in English (both written and spoken), and can understand written and spoken French with basic production skills.

Experience in writing desktop, embedded, mobile, web and server applications.

Experience in developing, deploying, monitoring and maintaining large scale multi-datacenter applications.

Good C, C++, Perl and Perl to C/C++ interfacing knowledge; good Python and Qt skills; good knowledge of Java and Javascript (React and React Native). Working knowledge of Intel IA32 Assembly.