

# Mattia Barbon

Software developer

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Amsterdam, Netherlands

I have 14 years of experience in software engineering and 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.

I always try to maximize my impact: I prefer writing clean, nice code, but I want that code to provide value to my employer, my co-workers and customers.

I have been learning new technologies for my whole 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.

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## 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)

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.

Started as 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 for third-party customers. My main focus was GUI applications for desktop and embedded, using Python, C++ and Qt.

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## Experience

December 2005 **Software developer** at Dada (Florence, Italy)

January 2009

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 maintainance, including a complete rewrite that was required to move from CGI to mod\_perl.

October 2003 **Consultant** at Altevie Technologies S.r.L. (Treviso, Italy)

November 2005

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

December 2002 **Software developer** at Consorzio CFL2000 (Italy)

December 2011

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

I created and refactored desktop applications using Perl and the wxPerl GUI framework, including

- creating from scratch a bilingual application for the full Friulian dictionary
- rewriting a smaller application for the orthographic dictionary
- rewriting an existing spell checker, and integrated it with Microsoft Word (using COM)
- creating a web interface for the bilingual dictionary

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## 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).

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## 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.