

# Ivan Klarić

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## CONTACT INFORMATION

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## EDUCATION

- 1989. - 1997. Elementary school Samobor, Samobor
- 1997. - 2001. XV. high school, Zagreb
- 2001. - 2006. Faculty of Electrical Engineering and Computing Zagreb

## SCHOLARSHIPS AND AWARDS

Scholarship of Zagreb county, Croatia, 1997. - 2001.

Chosen as one of the seven students from XV. high school to be admitted to the Faculty of electrical engineering and computing in Zagreb without admittance test, 2001.

Scholarship from PLIVA d.d. (GBS-IT d.o.o. 2005-2006), 2001. - 2006.

Attended the American Computer Science League All Star Contest in Ransom-Everglades, as part of the XV. high school Senior team, 2001.

Croatian National Informatics competition - won the second place, 2001.

Attended the American Computer Science League All Star Contest in Alexandria, VA, as part of XV high school Junior team, which won the second place, 1999.

## PROFESSIONAL EXPERIENCE

My professional experience consists of multiple, mostly software development, projects. On those, my activities span through various roles, from developer to system architect and project manager.

- 2007. - 2009.  
Software architect and project manager at Calyx d.o.o.
  - worked on a J2EE project for the Croatian Ministry of Internal Affairs, in collaboration with the Faculty of Electrical Engineering and Computing Zagreb ("Electrical registration plates")
  - worked on a J2SE project for the telecom industry ("Pathfinder", <http://tisco.at/produkte.html>), with technologies such as Hibernate and MySQL"
  - worked on a J2ME project, for a software development competition regarding the NFC (Near Field Communication) protocol (Hagenberg, Austria)
  - worked on a Java-based project (MyMobileWeb technology) for a project financed by the European Union
- 2007. - 2009.  
Project engineer/programmer at Pliva d.d.
  - developing business web-based business applications in PHP
- 2005. - 2006.  
GBS-IT d.o.o. part-time job as PHP developer
  - writing plugins to the existing proprietary CMS system in PHP
  - extending the BackupPC backup solution with additional archive features in Perl
- 2005. - 2007.  
Laboratory for signals and systems, Faculty of electrical engineering and computing, Zagreb, Java developer on Correlation engine project and Automatic Tariff Tester project for Kapsch Gruppe
  - mostly developing various calculation and optimization algorithms in Java that run in the core of the system (daemon applications)
- 2004. - 2006.  
INSPE d.o.o., Delphi developer on ERP system for small businesses
  - developing small-business ERP system in Delphi for a customer that manages 30+ companies using this software

- 2005.  
IPZ Uniprojekt MCF d.o.o., Borland C++Builder developer and system architect on a project aimed at developing a system for waste collection and transport optimization  
- mostly database design and implementation with some algorithmic background work in C++ (route optimization)
- 2004.  
Project leader at OpenOffice.org referral center.  
-Project leader on a comparative study of MS Office 2003 and OpenOffice.org 1.1.1
- 2002. - 2003.  
Software developer at Klising d.o.o.  
-working as Delphi developer on time attendance system.

## COMPUTER SKILLS

### Programming languages:

- Java  
- very good J2SE and J2EE knowledge with a few midsize projects done
- PHP  
- very good knowledge with more than three years of experience developing business web-based applications  
- Zend Certified PHP5 Engineer
- C#  
- good knowledge with a few midsize projects done
- Perl  
- solid knowledge, worked on extending the BackupPC project for PLIVA backup solution
- Python  
- elementary knowledge with one minor project done
- C, C++  
- elementary knowledge with some minor projects done
- Delphi  
- rather extensive, although a bit rusty experience (a few major projects done in Delphi, last one three years ago)
- Javascript  
- basic knowledge, gained mostly while developing PHP web applications

### Other technologies:

- Databases  
- fluent SQL knowledge  
- extensive experience with PostgreSQL  
- very good knowledge of plpgsql stored procedure language  
- solid experience with MySQL  
- some minor experience with Oracle
- HTML/CSS  
- solid knowledge gained while developing web applications in PHP
- Linux  
- fulltime Linux user since 2005, mostly Ubuntu, some experience with Debian