

PATRIZIO RULLO

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OBJECTIVE

Seeking a responsible position in software development, business analysis and project management increasing my analysis and management skills, learning new technologies, committing to software quality in all its aspects.

SUMMARY

- 6 years of technical experience in the software industry.
- 2 years experience in **business analysis**.
- Experience in application **architecture design**, database design, object modeling and software development life cycle.
- **Full life cycle development** from conception through maintenance.
- Direct contact with **customers** for analysis of problems and requests, for having feedback concerning the user experience.
- Specialization in developing, deploying applications for industrial automation and machine supervision.
- Experience developing HMI (Human Machine Interface) applications.
- Designed and developed relational database systems.
- Experience **mentoring** new developers.
- **Training** of software technicians and users.

TECHNICAL EXPERTISE

- **Visual Basic 6** --- 6 years
- **C++** --- 1 year
- **C** --- 2 years
- **Java** --- 1 year
- **PHP** --- 1 year
- **C#** --- 1 year
- Databases: **MS SQL Server** and **MySQL**
- PLC communication APIs: **Omron CX-Server** and **Siemens OPC Server**
- Version control: **Subversion** and **MS Visual SourceSafe**
- **COM+ / ActiveX**
- **XML**

PROFESSIONAL EXPERIENCE

Software Developer Consultant

Etica S.r.l. --- Torino, Italy --- 2008.9 – now

Key responsibilities across projects

- Manage deployments into production
- Manage defects during warranty
- Manage change requests
- Work with development on the technical design documentation, architectural diagrams security and performance plans

Diagnosis environment for vehicles electronic systems

Consultant developer on software for workshop diagnostic (failure management and notification, parameters programming of electronic parts). Implemented communication with K-Line and/or CAN protocols.

Development environment: Visual Basic 6, C#, C++, MS SQL Server 2005.

Particular roles in this project:

- Functional and technical analysis
- Application development

Software Developer / Business Analyst

Lantek Sistemi S.r.l. --- S. Vittoria D'Alba, Italy --- 2003.03 – 2008.09

Key responsibilities across projects

- Manage deployments into production
- Manage defects during warranty
- Conduct post implementation reviews
- Program managing the development and global deployment of picking solution products
- Involved in meetings with customers for analysis of the customer needs and decision of features to implement, modify and reject
- Work with development on the technical design documentation, architectural diagrams security and performance plans
- Overseeing the development team
- Deployment strategies decisions
- Database modeling
- Manage change requests

Other activities

- Migration from Microsoft Visual SourceSafe, configuration and maintenance of the

Subversion source code management system with Intranet and Internet access, for the need of disconnected source code modification by the developers (when doing personalizations in place for the customers) and automatic synchronization of modifications done by other developers

- Installation kits restructure of all software to use only 4 forms, to let the customer install a new computer without the need of remote assistance
- Implementation and maintenance of the internal server for automated builds (complete build, from source code to installation kits creation). Every installation CD/DVD directory structure is created with only one command, to be faster and less error prone
- Report engine migration from CrystalReports to JasperReports to be able to create recursive subreports with runtime loading of image files using URLs

HMI for automatic warehouses project

Business analyst and main developer on HMI (Human Machine Interface) for automatic warehouses connected to NC cutting machines, integrated with our machine scheduling software and with various ERP systems. Implemented communications with warehouse Omron and Siemens PLCs.

The development environment was Visual Basic 6, MS SQL Server 2000 and 2005, Eclipse (for JasperReports integration), Subversion, Omron CX-Server and Siemens OPC Server.

Particular roles in this project:

- Functional and technical analysis
- Architecture design
- Application development
- Database modeling

NC laser cutting machines scheduling project

Business analyst and main developer on software for sheet metal cutting machines interaction and production plan execution and automation, integrated with our software for automatic warehouses and with various ERP systems.

The development environment was Visual Basic 6, MS SQL Server 2000 and 2005, Eclipse (for JasperReports integration), Subversion.

Particular roles in this project:

- Functional and technical analysis
- Architecture design
- Application development
- Database modeling

Sheet metal cutting calculation library project

Software developer on a internal library for sheet metal pieces calculations: areas, weights, cutting perimeter and cutting time.

Development environment was Visual Basic 6, Visual C++ 6, MS Visual SourceSafe.

Roles in this project:

- Application development
- Application maintenance

Deployment and repair PC technician

Step Computer S.r.l. --- Alba, Italy --- 2003.01-2003.03

- Deployment and repair of PCs
- Development of HTML websites

Software Developer

I.S.S. Torino S.n.c. --- Torino, Italy --- 2001.11-2002.09

Internal CRM web application

Software developer on a internal CRM application with full web interface.

Development environment was Quanta Plus Editor on Linux, XHTML, CSS, JavaScript, PHP4, MySQL 3.23 and CVS.

Roles in this project:

- Visual design templates development
- Web software development
- Testing

Hotel booking and automation system

Software developer on hotel booking and automation software with room key programming, direct room control (temperature, room access, alarms, etc.) with client/server interface.

Development environment was Visual Basic 6, MS SQL Server 2000, DCOM and MS Visual SourceSafe

Roles in this project:

- Software development
- Testing

SPOKEN LANGUAGES

Italian: mother tongue

English: good understanding and knowledge of spoken and written text

EDUCATION

Bachelor degree in Computer Science

Computer Science University --- Torino, Italy --- suspended

High School Diploma in Accounting

High School "B.Vittone" --- Chieri, Italy --- 1999