

Valentin VUCEA

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SUMMARY

Experienced web/desktop software developer, database analyst/developer look forward a creative and challenging position. I'm a highly motivated hard worker with large experience on Windows and Linux platforms, with strong analytical skills and creative thinking combined with attention to detail, proven solid knowledge of design/development applications and practice. I have lead and managed Information Technology Department (IT) for more than 7 years.

SKILLS

- **Web development:** 9 years in-depth experience, with proven background successfully managing all facets of site development, from initial design and architecture to site deployment and client management.

Tehnologies:

- **PHP** (6 years): configuration, security, object-oriented programming, creating web services, custom frameworks;
- **HTML, XML, XHTML & CSS** (8 years): custom web 2.0 layouts design;
- **JavaScript** (6 years): custom form validation, text and image effects, cross-browser integration, frameworks (jQuery, Prototype, Script.aculo.us, Lightbox, etc);
- **ASP, VB Script** (5 years): database management (MS Access databases/MS SQL server), form validation, windows manipulation, custom pop-up windows;
- **Web services:** Yahoo Maps API
- **Desktop development:** 8 years experience; skilled in UI development with an eye for creating dynamic front-end user experiences along with robust server side programming; developed and maintained applications in various types of industries utilizing technologies such:
 - **MS Access** (9 years): developing complex applications using Microsoft VBA, DAO, ADO, Scripting Runtime;
 - **Visual Basic 6** (5 years): databases and file manipulation, custom forms and controls implementation;
 - **Visual Basic .NET 2.0** (3 years): database front-end application with advanced form validation, search engine, photo editing using GDI, users accessing/logging, custom controls implementation;
 - **Visual C# .NET 3.5** (1 year): databases manipulation, image editing, form validation, custom classes implementation;
- **Database analysis, design and development:** 7 years experience; expertise in SQL performance tuning including identification of requirements, analyses of large amounts of data and highly experienced in writing and optimizing complex SQL queries, packages, stored procedures, functions and triggers.

Servers:

- **MySQL 4/5** (6 years): configuration, designing tables, query optimization, de-normalization, stored procedures, triggers, replication, sincronization, .NET integration;
- **Microsoft SQL Server 2000/2005** (5 years): designing tables, query optimization, stored procedure, functions.
- **Others:** I was/am interested by many others areas of IT industry such as:
 - **Graphics, animations & photo editing:** proven proficiency in Corel Draw (6 years), Adobe Photoshop (8 years), Macromedia-Adobe Flash (5 years), Active Script 2.0 (3 years);

- **Linux** (Red Hat/Fedora, Ubuntu, 8 years): installation, configuration: web server (Apache), database server (MySQL), mail server (Sendmail), DNS Server (BIND), routing and firewall (iptables);
- **video editing/authoring** (4 years): as a hobby;

EXPERIENCE

CNPDS Bucharest: IT Manager

sept. 2002 – present

About company: departament of romanian Ministry Of Health, acting as a school in post-graduated education of phisicians, nurses and other personell from health industry.

Key projects:

- company website at <http://www.perfmed.ro> (currently offline): project manager, database designer, graphics, 95% code writer, webmaster; tehnologies: LAMP (Linux, Apache, MySQL, PHP), javascript, css;
- website at <http://www.rezidentiat.info> - online from March 2008, covered all information about annual national exam of residency (5000 candidates, heavy traffic); responsibilities: project manager, template design implementation, webmaster, developer of CMS; tehnologies used: XHTML, CSS, javascript frameworks as lightbox, prototype, PHP with MySQL; CMS is written in Microsoft Access VBA, each page is generated row by row from here;
- websites for annual national exam of residency (prior to 2007): 4 different websites (one for each year from 2004); developer and webmaster; different tehnologies: from pure HTML solutions to php - mysql - javascript solutions; links can be found accesing <http://www.rezidentiat.info> - ARHIVA section;
- web application to collect requests for diplomas and certificates issued by Romanian Ministry of Health - section of oficial website of Romanian Ministry of Health at http://www.ms.ro/formulare_online.php (offline now); front-end and administration module; responsibilities: project manager, database designer, developer; tehnologies: PHP with custom PHP templates engine, MySQL, javascript validation, CAPTCHA validation implementation, fpdf library implementation to generate pdf files which will be sent to the users; administration module: secure login with sessions and cookies, custom module to print certificates;
- several web applications (intranets): modules generally designed to collect, validate and process data in order to obtain some reports; responsibilities: project manager, database designer, developer; features: secure login, search form, pagination, export to pdf, excel, ms access; tehnologies: PHP, MySQL, css, javascript;
- Rezidenti Manager Lite: national database of resident physicians: back-end: server MS SQL 2005, front-end written in VBA (Microsoft Access); responsibilities: project manager, developer; features: search forms, barcode implementation, advanced queries and stored procedures, several output reports;

Rasig Group: part-time IT Developer

Jan. 2001 - present

About company: group of companies located in Bucharest, acting in real estate industry (3 locations) and constructions field.

Key projects:

- Real estate company website at <http://www.rasig.ro> v.2 - tehnologies: Apache 2.2 Web Server, MySQL Server, php with custom template engine, javascript, html, css, javascript frameworks: jQuery, AJAX); features: faceted search engine, photo gallery, pagination, Yahoo Maps API implementation;

- Real estate company website CMS - technologies: PHP, MySQL, css, JQuery, AJAX; features: image manipulation, mysql server sincronization, pdf export, search form, pagination;
- Other company website: <http://www.rasig-tamplarie.ro> - technologies: HTML, javascript, PHP, Template Monster implementation, contact form;
- RealtorApartamente v. 1.1.0.4 - real estate database application written in Visual Basic .NET 2.0; database server used: MySQL 5.0; features: several access and security levels on-application and on-database, data collecting forms with strong validation, enhanced search forms, pdf export, image manipulation with GDI (resizing, cropping, watermarking), stored procedures and triggers for logs and databases sincronization; data sincronization between location through FTP servers, output to company website;
- RealtorManager v. 1.2 - prior real estate database application written in Visual Basic 6.0; database server used: MySQL server 5.0; features: data collecting forms with strong validation, search forms, image manipulation, data sincronization between location, output to company website;
- Retetare ROTO v.1 - database application designed to optimize the biddings in windows and doors accesories; tehnologies: database - server MS SQL 2000, front-end: Microsoft Access Project (VBA);

Freelancer: part-time Developer

2002 – present

Key projects:

- appointments organizer for dental clinic (more than 3 dentists); tehnologies: database: MS Access, front-end: ASP, web server: IIS on Windows platform; features: customize different types of appointments through one control panel, alarms, iframe pop-up windows; javascript calendar; search forms;

EDUCATION

- **1992-1997 - Economic Studies Academy** (Academia de Studii Economice) on Bucharest, **Bachelor in Economics (Quality Management)**
- **Continued Self Learning** - an important part of my IT skills has been obtained through personal learning from books and web topics. Concurrently, the other part has been gained through real-world experience and trial and error on my projects.

CERTIFICATIONS

- HTML 4.0 (master) - Brainbench Inc;
- Macromedia Dreamweaver 4 - Brainbench Inc;
- Adobe Photoshop – Brainbench Inc;
- Computer Fundamentals (master) – Brainbench Inc;

PROFILE

- Proven ability to create, design, develop, implement functional and secure web applications;
- Self-trained and hard worker;
- Rapid response to trouble-shooting concerns;
- Capabilities for team leadership, supervision, project management and training;
- Good planning and communication skills;
- Fluency in English.

RECOMMENDATIONS

Available upon request.