

CONSTANTINOS VALAKAS

MAROUSSI, 15124
ATTICA, GREECE
COSTAS@VALAKAS.COM
(++30)6940-774912



PROFILE

Software Engineer with substantial experience programming. Specialty sectors are banking solutions and web development.

EXPERIENCE

EFT Senior Software Engineer Codix SA, Athens, Greece

September 2006 – Present

Software Engineer - EFT specialist, developing in C# and Java, product management and support of ACI Postilion™ suite for banking solutions. More than 5 years in development and integration of Postilion components (interchange and integration drivers, PostCard, Postilion Office plug-ins, TermApp.Framework drivers). Deep knowledge of Realtime SDK, PostCard SDK and Office SDK. Product support and consulting services.

Development of banking applications in .NET platform (C#). Development of banking applications in Android platform.

Freelance Software/Web Developer

1998 – Present

Development of .NET applications in C#. Website back-end and front-end development. Virtuemart and OpenCart e-commerce solutions integration. Great working experience in Joomla! CMS integration and development (custom components & modules). Development of GIS application in urban observatories. SEO optimization.

Software Engineer

Intracom SA, Peania, Greece

March 2006 – September 2006

Worked as Support Engineer for Sun Identity Manager™ suite after completing certification training by Sun.

Software Engineer

Hellenic Army, Athens - Kos island, Greece

November 2005 – April 2006

TECHNICAL SKILLS

Programming

S/W analysis & architecture
ANSI C
C#
Java
Perl
MS Visual Studio
Eclipse
Aptana Studio

Electronic Funds Transfer (EFT)

EFT protocols (ISO8583, Visa Base I & II, ISO8583 Postilion, DIASATM, BICISO)
EFT-POS
EMV

Postilion

Custom development of:
Interchange drivers
Integration drivers
Office plug-ins

Realtime SDK
PostCard SDK
Office SDK
TermApp.Framework
e-Socket.POS

WWW

PHP
Javascript, jQuery
AJAX
XML/XSL
CSS, HTML
Apache Web Server
Joomla! customization
OpenCart, Virtuemart

Project management in military internal software developed in Java. Director of the local Research & Informatics office of 80th National Guard Supreme Command in Kos island, while developing office's tasks management software tool in C#.

PayPal integration
SEO

Programmer/Analyst February 2004 – November 2004
National Technical University of Athens, Athens, Greece

Databases
Oracle MySQL
PostgreSQL, PostGIS
MS SQL Server

Implemented and supported of Faculty of Architecture web portal in ASP 6.0. Computer local network administration support of the Faculty of Architecture.

Mobile Platforms
Android

Programmer/Analyst October 2000 – October 2003
Altec SA, Athens, Greece

Operating systems
Ubuntu Linux
MS Windows

Developed applications for EFT-POS Ingenico™ terminals in ANSI C using Borland C++ IDE. Metavante™ CSF suite support and consulting services.

FREELANCE PROJECTS

Websites 2006 - Present

Development of the following websites (mostly, the server-side part and the client-side code except for the front-end design):

- MeCityCenter, <http://www.mecitycenter.gr> (as a contractor with Netlayer Ltd)
- Sfragidadiko.gr, <http://www.sfragidadiko.gr> (as a contractor with Netlayer Ltd)
- GreenArc, <http://www.greenarc.gr>
- Anavra-Zo, <http://www.anavra-zo.gr>
- Vasiliki Studios, <http://www.vasilikistudios.gr>
- Frontistirio Irakleitos, <http://www.irakleitos.gr> (old version)
- Goura Environmental & Cultural Park, <http://www.gourapark.gr>
- Community of Anavra - Official Website (discontinued)

City of Komotini Urban Observatory software tool 2009 - 2010

Development of Urban Observatory software tool for the Municipality of Komotini. Version 1.0 has been developed in PHP custom framework, Javascript, AJAX using PostgreSQL as database engine and PostGIS component in order to support GIS features. The application has been designed to run on an Intranet.

Community Library Management System 2010

Development of a management system for Anavra Communal Library. It includes book management, lending functionalities, member registration, PDF and HTML reporting. It has been developed in C# with MySQL as database engine.

Museum Exhibits Management System 2009

Development of a management system for the Folkloric Museum of the Community of

Anavra. It includes museum exhibits archiving and management, PDF and HTML reporting. It has been developed in C# with MySQL as database engine.

City of Piraeus Urban Observatory software tool

2004 - 2008

Version 1.0 (2004) had been developed in MS VB6 as a standalone application using MS Access as database engine, while version 2.0 (2007) implemented in C# using .NET framework technologies, once again as a standalone application. Version 3.0 (2008) has been redesigned from ground up and implemented in PHP in order to run in a local network. Javascript, AJAX, CSS, HTML were used to implement the front-end. The database engine is PostgreSQL along with PostGIS component to support GIS features.

EDUCATION & CREDENTIALS

Electrical & Computer Engineering, Master of Science Sept. 1995 – June 2004
National Technical University of Athens, Athens, Greece

GPA 7.3/10.0

Studies focused in application development, IT project management, software engineering.

Certificate of Proficiency in English

December 1998

University of Cambridge, Athens, Greece

Zertifikat Deutsch als Fremdsprache

September 1991

Goethe Institut, Athens, Greece

PUBLICATIONS

Designing and Implementing a Wrapper Specification Language

Greek Computer Society - Cyprus, Nicosia - November 8, 2001

Authors: Costas Valakas, Konstantinos Karageorgos, Yannis Stavrakas, Andreas Polyraakis

WTL is a high-level scripting language for wrapper definition designed by Constantinos Valakas and Konstantinos Karageorgos in the frame of Nestor project. The main idea of WTL is to implement a language that would allow dynamic generation of wrappers from high-level template code.

PROFESSIONAL AFFILIATIONS

Member – Technical Chamber of Greece, ID: 100345

Member – Union of Informatics & Communication Engineers of Greece

MILITARY OBLIGATIONS

Fulfilled. Reserve Second-Lieutenant Officer of Research & Informatics Corps of Hellenic Army.