

Alexandros Chalatsis



// Profile

Date of Birth

8th September 1991

Residence

Attica, Greece

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LinkedIn Profile

linkedin.com/in/achalatsis

// Languages

English: B2 (Cambridge Univ.)

English: B2.2 (Trinity College)

German: C1 (Goethe Institut)

Greek: Native

// Societies

IEEE Computer Society

// Skills

Languages

Deep knowledge of C, C#, Obj-C, JavaScript
Good handling of Python 3, HTML 5 & CSS 3, SQL (MariaDB, Informix)
Good knowledge of several design patterns.

Dev tools

Excellent knowledge of git, good command of svn.
Several CI tools: Jenkins & Maven, TravisCI. Familiar with SonarQube.

Other

Experienced syadmin & DevOps under several linux distros incl. Centos, Ubuntu, Gentoo. Experienced with SELinux. Docker
Continuous integration & continuous delivery environments

Methodology

Lean, agile: scrum, kanban
ATDD, TDD, BDD

// Awards / Accomplishments

2007**Silver medal, Algorithmic Programming**

International Space Olympics. Korolev, Moscow region, Russia Participated in the Computer Science contest providing optimal solutions to the given problems in the C programming language.

2006**Finalist, Algorithmic Programming**

National Computing Olympiad. Athens, Greece
Participated in the National Computing Olympiad for 2 years (2005, 2006). Solved given tasks using the C programming language.

// Education

2009-2015**BS in Information Science & Tel/co. TEI of Thessaly**

Thesis title: An application for the analysis of weblogs. Grade: 10/10 The produced software searches for weblogs that reproduced a certain set of news and ranks them based on this metric. Developed in Python, used Yahoo! BOSS engine, Readability service.

Selected courses: software engineering, distributed systems, compiler theory, artificial intelligence, RDBMS, software law, application & network security, systems design & analysis.

Erasmus: PWSZ w Krosnie, Poland. Sep/2013 - Feb/2014.

2003-2009**Highschool Athens College, HAEF**

Clubs/activities: UNESCO, LUG, volunteer & organizing member in several festivals/public events. Volunteer IT work for many clubs. Designed the website for our school's festival for two years (2008-9). In 2007 participated in ISO representing the school and was awarded a silver metal in algorithmic programming.

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// Work experience

**05/2015
today**

OpenBet Technologies Ltd. - Software engineer

Athens, Greece

I am part of a high velocity agile team working on projects for one of the biggest companies in the betting industry. Day to day tasks include direct contact with the client for requirements extraction, technical analysis of new projects and development. As a team we are responsible for introducing modern development techniques like ATDD and BDD (depending on project), and creating the infrastructure needed to do so. Along with other teams responsible for that customer, we also provide support and fixes for the existing codebase.

Technologies used: IBM Informix, JavaScript with several server-side and testing frameworks, TCL, Python, Docker, working in a continuous delivery environment.

**05/2014
01/2015**

InfoGraph Ltd. - VoIP Software engineer

Athens, Greece

I was part of a team developing a complete VoIP software solution that works with existing VoIP servers. My main engineering responsibility was our backend server software interacting with the VoIP servers. Additionally I developed part of our frontend application that provides monitoring & management of the underlying architecture. Technologies used: C, C# & .Net >= 4. Server software developed based on POSIX standards, deployed on CentOS installations. Client software compatible with MS Windows XP & newer.

**10/2012
11/2012**

TWorx Ltd. - iOS Software engineer

Larisa, Greece

I developed an iOS application to accompany a news website, aiming to provide all of the CMS content in a touch-friendly manner, suitable both for phones and tablets. I have also developed part of the backend plugin providing access to the content.

Technologies used: Objective-C, PHP, MySQL, JSON.

**11/2011
06/2013**

Alphabit S.A. - iOS Software engineer

Remotely

The company launched an innovative voting & survey system, providing both desktop/web interfaces as well as mobile/on the road applications. I was the lead developer of the application of the iOS platform, covering both iPhones and iPads. The application provided full end user functionality.

Technologies used: Objective-C, iOS 6 API, mainly Apple CF frameworks. ISO:27001 development standards.

**08/2010
10/2010**

General Data Business S.A. - Systems administrator

Athens, Greece

I have deployed and evaluated the MS Sharepoint Foundation suite and it's suitability for small to mid-range companies. I have designed and deployed a monitoring service based on Nagios for monitoring the company's critical systems as well as those of several clients. Finally I was responsible for maintaining several production servers running Linux and FreeBSD OSes, providing web & mail services.

Technologies used: MS Windows Server & Sharepoint platform, Linux & FBSD OSes, Nagios

**07/2008
08/2008**

General Data Business S.A. - Systems analyst

Athens, Greece

My work at the company included testing the newly released Cisco Unified Application Environment and how this new tool could be used efficiently in production environments. I developed demo software to show the capabilities of the platform, and built a virtual environment to help in evaluation. This work was partially based on previous work done by me.

Technologies used: CUAE, PHP, HTML, XML, CM/CME

**07/2007
08/2007**

General Data Business S.A. - PHP developer

Athens, Greece

My task was to create software demonstrating the capabilities of the Cisco IP Telephony platform (consisting of Call Manager/Call Manager Express and the IP phone hardware). The software was used in a demo showroom for prospective clients to get a hands-on experience with the platform.

Technologies used: PHP, HTML, XML, CM/CME

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// Personal projects - software

Personal photography website & blog

I am an enthusiast photographer and as such I need a visually appealing online presence. I am currently sculpting the latest iteration of my online portfolio & blog, focusing on content (text, images, video) and providing a smooth & intuitive experience on all platforms.

The project is using AngularJS as the core frontend framework where all dynamic magic is happening. The goal is to have the site served from static files that can be hosted on low-spec servers, while the bandwidth-hungry media will be served from AWS S3.

News spread analysis application (Undergraduate thesis)

Thesis title: An application for the analysis of weblogs. Grade: 10/10

The produced software searches for weblogs that reproduced a certain set of news and ranks them based on this metric. The application is actively developed past the mark of a thesis project, and my aim is to build a useful tool that will help people in choosing their news sources correctly, eliminating the consumption of false/hoax news. Currently my target is the Greek blogosphere, and provided the project has quantifiable & provable results, I would like to expand its audience. The application is developed in the Python language, with search results provided by Yahoo! BOSS engine and content extraction performed with help of Readability service.

Arduino-controlled room

I have designed (and am currently developing) a smart-room platform based on Arduino for controlling and operating various switches and sensors in a room (lights, temperature, fans/AC), as well providing scheduled actions such as visual alarms. The system is accessible over the network via HTTP.

The software is written in C++ and the goal is to fit the complete solution in 16KB of memory.

Greek Forester Club

I have created a car enthusiast club counting 1k+ members, and was the system administrator responsible. I developed a custom VBulletin module using Google Maps & Youtube API, PHP and JavaScript to demonstrate our nation-wide trips and collect all of our media content. I am no longer active in the community.

Active domain crawler

Created a tool that detects registered & active greek domains and collects DNS information. The application is developed for POSIX operating systems, uses two DNS libraries (c-ares & resolv) and is multithreaded. There are plans to continue development with more features.