

Dimitrios Varvaras

Software Engineer

A team-oriented Software Engineer with real interest in systems architecture and backend systems, who enjoys to design and build state of the art applications.

Experience

Personal Info

nationality: Greek
birthdate: 30/10/1985
gender: Male

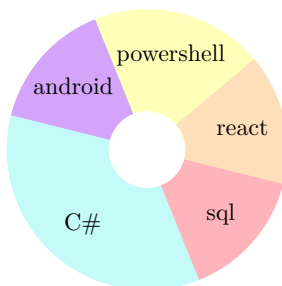
Contact Info

mail: varvarasdimitris@gmail.com

Web & Github

github.com/varvarasDim
linkedIn:
dimitrisvarvaras

Programming skills



Tools & Versioning

Visual Studio,
Visual Studio Code,
Android Studio, Linux,
Svn, Git, Jira, Agile,
Scrum & Kanban

Languages

Greek: native
English: fluent
[Certificate of Proficiency, Michigan]
Swedish: basic

02/19 - Today Senior Software Engineer

Scandic AB, Stockholm, SE

- Member of the ScandicLabs team, the core team responsible for the maintenance and evolution of the Scandic API. The API is mainly used by the Web/App and other consumers [Hoist, Facebook, Trivago etc]. The main responsibilities of the services' ecosystem are content, payments, availability, reservations and profiles information. Member of the digitalization team for the design and implementation of the Mobile Key for the Guest Fast Track project.

Technologies/Tools: .NET Core, .NET, C#, Azure, Service Fabric, CosmosDB, Azure Functions, Octopus, TeamCity, Azure API Management, FIAS, Oracle OPERA, NETS

02/16 - 02/19 Software Engineer

Qliro AB, Stockholm, SE

05/17 - Today

- Architecture and implementation of Loans Svc (db schema, backend & frontend) and use in [<https://www.qliro.com>]. The backend is a microservice and is implemented in ASP.NET Framework [Integrations with Scrive, UC] and the frontend is implemented in React. Besides the main functionality administrative tools were implemented for Loan reviews in React.

02/16 - 05/17

- Architecture and implementation of Deposits Svc (db schema, backend & frontend) and use in [<https://www.qliro.com>]. The backend is a microservice and is implemented in ASP.NET Framework [Integrations with Emric cLA, Trapets, Tink, BankID] and the frontend is implemented in React.

Extensive E2E/Integration/Unit/Smoke testing. The Continuous Integration/ Continuous Delivery principles are followed regarding the deployment procedure. The systems are monitored with Kibana and New Relic.

Technologies/Tools: MSSQL, DbUp migrations, C# (WebApi) .NET Framework, REST, Entity Framework, RabbitMQ (Rebus), React, Angular, TeamCity, Octopus, GitLab, NUnit, Specflow, Selenium, New Relic, Kibana

04/12 - 01/16 Software Developer

Computer Technology Institute "Diophantus", Patras, GR

02/13 - 01/16

- Worked as Lead Software Developer for the maintenance and development of a Web based Human Resources and Payroll Information System that is being used for the administration and monthly payments of more than 25,000 employees [<http://bglossa.ypepth.gr>].

Technologies/Tools: MSSQL, PHP, Ajax, Javascript, CSS, Python, Apache

01/15 - 04/15

- Design and development of a WiFi Android Localization System (Android App and Server) which uses WiFi hotspots, distributed at various locations in the city of Patras(Greece) (in cooperation with DYNACOMP).

Technologies/Tools: Android, Python, XML-RPC, Android Studio

04/12 - 01/13

- Development of a Web based Human Resources Information System that is being used for the administration/management of Greek expatriate schools and teachers over the globe [<https://dipode.cti.gr>].

Technologies/Tools: MSSQL, ASP.NET 4.0 (C#), MVP architecture, Ajax, Telerik Framework, IIS

Interests

Bouzouki player on the music band *Svouira*, Astronomy, Coding, Motorcycling, Piano, Guitar, Music Production, Travelling

11/10 - 09/11 Network Administrator

Greek Military Services, Ioannina - Athens, GR

- Responsible for network security/administration of a large scale military network (250 computers, 3 servers), providing solutions in a large range of I.T. networking problems.

Technologies/Tools: LDAP, MS Active Directory, MS Exchange, MS SQL Services, Windows Server 2003

Education

11/08 - 12/11 MSc in Computer Science & Technology, GPA (9.00 out of 10.00)

Department of Computer Engineering & Informatics, University of Patras, GR

Title of Thesis: *"WiFi Localization via Particle Filtering and use for m-commerce"*

Location extraction of Android mobile users with implementation of the probabilistic technique "Particle Filtering" for noisy measurements suppression in conjunction with data mining techniques such as Market Basket Analysis and Decision Trees over the spatial data.

Technologies/Tools: Java, Android, Bash Scripting, MySQL and JDBC

Advisor: *Professor John Garofalakis*

11/03 - 11/08 MEng in Computer Engineering & Informatics, GPA (8.03 out of 10.00)

Department of Computer Engineering & Informatics, University of Patras, GR

Title of Thesis: *"Implementation of an observation application of users' mobility inside a local area WiFi network, targeting at the collection of positioning information and data exchange"*

Use of WiFi triangulation for location extraction inside a multiple hotspot environment.

Technologies/Tools: C, Java, Visual C++ and Bash scripting

Advisor: *Professor John Garofalakis*

Extra coding skills

- **Docker** (Docker for Windows)
- **Android Application Development** (Wifi Analyzer app, Anti-theft app [Drafts, not in Play Store])
- **Wordpress** (Website development in Wordpress)
- **Google Cloud Platform** (VMs setup and administration in Google Cloud Services)

Certifications & Conferences

05/2018 **Conference** Stockholm, SE
"Amazon Web Services Summit, Stockholm"

04/2018 **Conference** Stockholm, SE
"Microsoft Tech Summit, Stockholm"

05/2008 **Workshop** CTI "Diophantus", Patras, GR
"Security Issues, Reinforcement of the Security and Data Recovery"

Publications

Prof. John Garofalakis, Dimitris Varvaras

WiFi Localization via Particle Filtering and Use For M-commerce

KES-2012, 16th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems, September 10-12, 2012, San Sebastian, Spain