# Yiorgis Gozadinos, Ph.D.

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## Profile

Software architect with strong technical background, ability to analyse complex problems and develop elegant and pragmatic solutions. Experienced team leader.

## Work Experience

### HEAD OF ENGINEERING,MEDICAL GENETICS, OSLO UNIVERSITY HOSPITAL, 2022-PRESENT

Head of Engineering for a team of 16 people in Oslo University Hospital. Worked with transforming the team to be product-focus, working with agile processes and deliver quality software that scales and is maintainable.

### TECHNICAL HANDOVER OF CRYPHO AS, 2022-PRESENT

Handover and training of the development team to take over Crypho after a successful acquisition from stock-market listed company, Techstep AS.

### LEAD ENGINEER AT DEPT. OF MEDICAL GENETICS, OSLO UNIVERSITY HOSPITAL, 2021-2022

Refactoring and implementation of the open-source tool ELLA (https://allel.es), an analysis tool for the clinical interpretation of genetic variants.

### CO-FOUNDER/CTO, CRYPHO AS, 2012-PRESENT

Design and development of an award-winning tool, providing real-time end-to-end encrypted communications for companies and organisations through the web, mobile and desktop. Notable clients include the Norwegian National Security Authority, Oslo Police, Telemark hospital.

### SENIOR DEVELOPER, JARN AS, 2010-2012

Design and development for Jarn's most prestigious clients (Elkjøp, Nordic Council and others), Project Management. Authored and released several open source libraries focusing on real-time communications through XMPP and content classification.

### WEB MASTER/DEVELOPER, EUROPEAN NETWORK AND INFORMATION SECURITY AGENCY, 2008-2010

Designed and developed the agency's portal (http://enisa.europa.eu), as well as its three community/specialist sites for Awareness Raising, Resilience and Stakeholder Relations. Acted as system administrator for the agency's entire linux-based infrastructure. Held the role of Security Officer. Technical advisor for the agency's reports.

### WEB DEVELOPER AND CONSULTANT, QIWEB, 2007-2008

Design and development of Plone-based Content Management Systems (CMS) for the web, client consulting. Set up and maintained hosting servers. Sites hosted included a major Greek political party's intranet/extranet. Author of various open-source projects widely used in the Plone ecosystem.

### LEAD DEVELOPER, 3Π ABETE,  2005-2007

Design and development of a neural network predictor for market "futures". Designing strategies and porting the company's product to the web.

**WEB MASTER, IT MANAGER, HYDROLOGY AND WATER RESOURCES MANAGEMENT LAB, NATIONAL TECHNICAL UNIVERSITY OF ATHENS,  2004-2005**

Development and maintenance of the department's web sites and servers. Communique for the hydrology lab to the HarmonIT project, funded by the EU.Solution Architect, ECDL Hellas, 2004

Project Manager. Security auditing of the European Computer Driving Licence (ECDL) web site and intranet/extranet, code proofing. Designed and developed the 'ECDL passport', a single sign-on solution for all ECDL sites. Designed and developed the ECDL electronic signing and crypto library and the relevant Simple Object Access Protocol (SOAP) web services.

**POST-DOCTORAL RESEARCH FELLOW, CPAT, UNIVERSITÉ PAUL SABATIER, 2001-2002**

Developed computer simulations for understanding the behaviour of micro-crystals in a plasma in a microgravity environment. Funded by a Marie Curie scholarship.

**SOFTWARE DEVELOPER/CONSULTANT, 1998-1999**

Development of computer simulations for understanding the behaviour of micro-crystals in a plasma in a microgravity environment. Funded by a Marie Curie scholarship.

## Non-profit Leadership experience

Member of the Core Framework team and Security team of the Plone CMS 2010-2012.

## Education

Dublin City University — Ph.D. Plasma Physics, 2001.

National and Capodestrian University of Athens — Bachelor of Science, Physics, 1997.

Deep Learning Specialization, Coursera 2020.

## Skills

Leadership skills and ability to guide, mentor and motivate developers.

Excellent knowledge of Python, Javascript,  C++ as well as React, React Native. Author/ contributor to various open source projects in that space (see https://github.com/ggozad).

Extensive experience in modern software development practices, testing and CI/CD using docker & kubernetes.

Expert in security/privacy-oriented design and development.

## Languages

English (C2), French (C1), Norwegian (B1), Greek (native).

## Awards

Marie Curie Scholarship — 2001-2002.