

# Christos Kapsalis

## Full-Stack Software Developer | Software Engineer

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

### Professional Summary

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**Full-stack software developer** for 8+ years of hands-on experience across the entire development lifecycle. Front-end development in **React.js**, **JavaScript (ES6+)**, **CSS3**, **Bootstrap** and **HTML5**. Back-end development in **Node.js**, **Java**, **Lua** and **PHP**. Eager to learn new languages, technologies and undertake interesting projects. Accountable, working on schedule and comfortable working as a team member.

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### Work Experience

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#### Freelance Climbing Instructor & Software Development Sabbatical November 2022 – Present

- Providing climbing instruction on a freelance basis, focusing on safety and skill development for climbers of all levels.
- Pursuing advanced full-stack development training (Zero to Mastery Academy).
- Developing projects using **React.js**, **Node.js**, and modern web technologies.
- Maintaining and expanding technical knowledge during career transition period.

#### Senior Technical Specialist

[Nokia](#) | Athens

December 2021 – October 2022

- Developed back-end components of Altiplano Controller, an open software GUI platform connecting other Nokia's software units via **RESTful APIs**.
- Implemented **Java-based microservices** feature with **JUnit** testing, loaded on a **Docker** container and deployed on **Kubernetes** infrastructure.
- Managed **PODs** configurations and orchestrated software interactions within Kubernetes environment.
- Experience in Intent development logic, microservices, Cloud based solutions, DevOps operations, Kibana search engine and Postman request engine.

#### Software Engineer

[Nokia](#) | Athens

September 2016 – December 2021

- **Full-stack development** of WebCT (2016-2021), a software that provided a GUI to administer X-Haul microwave products. Led back-end development of WebCT in **Lua** and DB handling with Lua-Sqlite3.
- Implemented WebCT GUI in **Javascript**, **jQuery**, **HTML5**, **CSS3**, and **Bootstrap** framework.
- Side project development of ASLM (2018-2021), an app that produces licenses for all X-Haul products, in **Java** with **JUnit** testing in the back-end and **React.js** in the front-end.
- Involved with the full circle of a feature's production. Creation and reviewing of feature's code, software architectural designs, Low Level Design, mock-ups, CuDo documents. Developing at least one feature per release while following a biannual release schedule.
- Peer reviewing of Code, Use Cases, Test Strategy and Test Cases.
- Applied full stack Unit Testing and debugging of code.

#### Software Engineer

[Nokia](#) | Athens

June 2015 – August 2016

- **Full-stack development** of the FMANG application, a comprehensive monitoring and configuration management system for Nokia's FlexiNG product.
- Contributed to back-end development of new features released on a biannual schedule in **Java** and **Java EE**
- **Development toolset (JSF/Primefaces, Spring, Hibernate, Maven, Tomcat, Jenkins, Junit)**, while maintaining code quality through peer reviews of code.
- Development of the front-end in **JavaScript**, **HTML**, **CSS**.
- Led complete GUI redesign initiative after company's rebranding and resolved with the help of the team a critical system-wide bug affecting application stability.

#### E&V Tester

[Nokia](#) | Athens

October 2014 – May 2015

- Managed **CI** Test Suite of 400+ test cases for Nokia's LTE network gateway (FlexiNG).
- Implemented automated testing using **Robot Framework** with daily CI reporting.
- Enhanced testing coverage by developing new test cases and improving existing ones.

#### Web Programmer/Developer

[Cybertechnics Interactive Communication LTD](#) | Athens

December 2012 – January 2014

- Full-stack development of Modus CMS using **PHP**, **MySQL** in the back-end and **JavaScript**, **HTML** and **CSS** in the front-end.
- Managed back-end administration and development of CMS' modules and components.

- Updating and debugging CMS' code and executed database operations, upon customers' requests.
  - Implemented RAFM (Restricted Access File Manager) filesystem and integration of Ajaxplorer GUI into Modus CMS.
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## Core Skills

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**Front-end Development:** React.js, JavaScript (ES6+), Redux, PWA, HTML5, CSS3, JQuery, Bootstrap

**Back-end Development:** Node.js, Express.js, Lua, Java, Spring Framework, PHP, SQL, Bash Scripting, C

**DevOps & Deployment:** Kubernetes, Docker, Jenkins

**Version Control:** Git, SVN

**Data Formats & APIs:** RESTful APIs, JSON, AJAX, XML, SVI

**Testing:** Unit Testing, JUnit, Robot Framework

**Development Tools & Others:** VS Code, Eclipse, PhpStorm, Sublime, Codecharge Studio, SQL Clients, Postman, Browsers' Web Developer Tools, Balsamiq (Mock-ups), Wireshark, CMS, Agile

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## Education

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### Zero To Mastery Academy

**zerotomastery.io**

October 2024 – Present

Attending Full-Stack Web Developer Career Path. Updating my knowledge on **CSS**, latest versions of **JavaScript**, learning **React.js**, **Redux**, **PWA**, **Node.js** with **Express.js**, **PostgreSQL**, **Machine Learning API** by building web apps, incorporating all these technologies.

### University of Piraeus

Piraeus

September 2004 – October 2011

University degree – Bachelor in Digital Systems & Technology Education | Computer Science

### Stockholm University and KTH joint department

January 2009 – June 2009

Erasmus Exchange Student Program | Knowledge Management

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## Languages

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**Greek** (*Native*), **English** (*Fluent*), **Italian** (*Intermediate*)

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