Christos Kapsalis

Full-Stack Software Developer | Software Engineer

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LinkedIn | *GitHub* | *Portfolio*

Professional Summary

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.

Core Skills

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

Work Experience

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.

Education

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

Languages

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