DIMITRIS KARAGEORGOS

SOFTWARE ENGINEER

DETAILS

ADDRESS
Attiki, Greece

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+30 6976921201

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DATE OF BIRTH
16-12-1991

DRIVING LICENCE
B

NATIONALITY
Greek

LINKS

Portfolio

LinkedIn

SKILLS

Organisational and time management skills

Advanced analytical thinking

Adaptability and problem - solving

Software logic and design principles

Software troubleshooting

Teamwork

Leadership

Accountability

Knowledge of Engines, Infrastructure and Frameworks

Programming languages

Knowledge of user interface (UI) and user experience (UX) design

PROFILE

Software Engineer with extensive experience, working professionally since 2020 in both backend and frontend development for scalable web applications. Skilled in frameworks such as Spring Boot, Vue.js, and Vuetify, with additional expertise in Bootstrap and MindAR. Strong command of Java, JavaScript, and HTML, and proficient in Apache Spark, MySQL, MongoDB, Git, AWS, Docker and Jenkins. Committed to continuous improvement and equipped with a solid foundation in troubleshooting and design principles, consistently delivers reliable, requirement-driven solutions for modern web platforms.

EMPLOYMENT HISTORY

Software Engineer, MPASS

Gerakas, Attiki

2020 — Present

- Project Lead on multiple initiatives, requirement analysis and RFP discussions.
- Designed and delivered scalable Java applications using Spring Framework, integrating RESTful APIs and WebSockets, and developing automated tests across diverse client projects including AB Vassilopoulos, FRA Alliance, Fraport, OPAP, MyMarket, Anedik Kritikos, Fujitsu, Karelia, and Public.
- Designed and developed a points-based gaming platform as a company product, leveraging Java with Spring Framework for backend services and Nuxt.js (HTML/JavaScript) for interactive games. The platform has been adopted by clients such as FRA Alliance, Aegean Airlines, the Municipality of Astypalaia, MyMarket, among others.
- Designed and developed a Java Spring application that automated complex statistical analyses of customer data, leveraging Apache Spark for distributed data processing, which improved scalability and reduced computation time.
- Developed augmented reality games leveraging the MindAR library, implemented with JavaScript and HTML in Nuxt.js framework.
- Designed and developed a Java Spring OCR application to automatically recognize products from receipt images. The solution was successfully adopted by Nounou.
- Designed and developed a Java Spring microservice capable of recognizing boarding passes in PDF or image format, integrating with a third-party API to deliver live flight information (e.g., gate details, flight delays).
- Designed and developed an instant-win gaming platform for prize distribution, leveraging Java with Spring Framework for backend services and Nuxt.js (HTML/JavaScript) for interactive front-end components. The solution was adopted by MyMarket and Fraport.

IT Support, MPASS

Gerakas, Attiki

May 2019 — 2020

- Assembled, configured, and installed software on kiosk systems for AB Vassilopoulos supermarket chain.
- Installed, positioned, and configured kiosk systems across AB Vassilopoulos retail locations.
- Provided remote and on-site technical support and troubleshooting for kiosk systems at AB Vassilopoulos retail stores.

LANGUAGES

Greek

English

HOBBIES

Kick Boxing, Martial Arts, Motorsports, Cinema

Vehicle Accident Data Processing & Reporting, TE Experts PC Marousi, Attiki

Sept 2018 — Apr 2019

IT Support, Hellenic Army Informatics Research Unit Komotini

Sept 2017 — Jun 2018

- Provided technical support, installation, and upgrades for computer systems, network infrastructure, and software applications

Rental Property Manager, Polytropon Apartments Kefalonia

2014 — 2017

Gallery Sales Representative, Polytropon Gallery Kefalonia

2009 — 2014

EDUCATION

Bachelor, Informatics and Telecommunications Athens, Attiki

2017

Department of Informatics and Telecommunications (DIT), National and Kapodistrian University of Athens (UOA)

Thesis Title: «*Develop the application 'Click Gestures Assistant' for Microsoft Windows and Ubuntu Linux*»

Supervisor: *Kouroupetroglou Georgios and Pino Alexandros*

Application: Testing *Kympouropoulos Stelios*

Diploma, High School Pallini, Attiki

2009

COURSES

Awareness-raising of company employees on issues of diversity and combating discrimination in the workplace, NextGenerationEU

2025

Introduction to Web AR development, Udemy (HiuKim Yuen)

2024

Microservices Architecture, Udemy (Memi Lavi)

2023

Days of Usability and Accessibility 2012, Education and Media, University of Athens

2012

Broadband Networks, Attendance Festival

2011

SIGNIFICANT ACADEMIC PROJECTS

Thesis "Click Gestures Assistant", an application designed to improve computer accessibility for users with disabilities

University of Athens

Oct 2016 — 2017

Development of a click-assistance application for individuals with upper-body disabilities. The application, titled *Click Gestures Assistant*, was designed and implemented as part of a graduation thesis. *Click Gestures Assistant* enables users with upper-body disabilities to control a personal computer, overcoming limitations of specialized devices that only allow cursor movement.

Development of an application for the analysis, processing and visualization of geographical data

University of Athens

Oct 2015 — Feb 2016

Developed an application that collects data from over 600 mobile GPS devices over a onemonth period, distinguishes individual user route paths on a map based on coordinates, and categorizes each user's daily routes

Development of a network traffic monitoring application that includes three subsystems

University of Athens

Oct 2014 — Jan 2015

Project Components

- **Monitoring Software** for detecting malicious network packets transmitted to and from PCs and laptops.
- **Management Software** for network nodes, enabling configuration of detection rules for malicious payloads and providing detailed network traffic statistics.
- **Mobile Monitoring Software** for Android devices, offering network traffic analysis and configuration of network parameters