Andreas Andrikopoulos

Software Engineer

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Work Experience

Software Developer @ **Hellenic Army IT Support Centre**

January 2022 – October 2022 // Athens, Greece

▷ Web Application Development with Angular 13 Framework and UI libraries like Bootstrap, PrimeNg and Nebular for Greek army use cases.

Software Engineer @ **Meazon S.A.**

June 2018 – October 2021 // Patras, Greece

▷ Developed modern and responsive UI for company's IoT platform, capable of visualizing real time data from IoT devices like energy meters, sensors and light controllers.

▷ Worked with a variety of different languages, libraries & frameworks, like JavaScript (ES6), Typescript, Angular, Node.js, Express.js, HTML, CSS3/Sass, Chart.js, D3.js, Leaflet and more.

▷ Worked with Apache Cassandra database and Firebase platform.

▷ Communicated and collaborated with multi-disciplinary teams of engineers, producers and clients, on a daily basis.

Internship @ **Meazon S.A.**

March 2018 – June 2018 // Patras, Greece

▷ Application Development (LW2M2 Iot Protocol Usage) for bi-directional communication between Power meters and cloud gateway (C, C++)

Teacher assistant @ **University of Patras**

October 2020 – Sept 2021 // Patras, Greece

▷ Gained experience assisting students in object-oriented programming (Java) and database (MySQL) workshops.

Projects

Portfolio Website @ **andrikopoulosdev.com**

2022

▷ My personal portfolio website, built with React and libraries/tools such as Redux, Material UI, SCSS, Styled components and more.

National archives - Hellenic Army History Directorate

2022

▷ An online web application for the creation and collection of a high number of documents and materials that records important events in Hellenic history. Greek army is responsible to preserve and maintain these materials and makes them available for research to the audience.

Skills

Programming Languages

Proficient:
Javascript (ES6) • TypeScript • Angular • HTML5 • CSS3 • SCSS/Sass

Experienced:
React • Node.js • Express.js • PySpark

Libraries & Frameworks

Angular • RxJS • React • Redux • JQuery • Bootstrap • PrimeNg • Nebular • Angular Material • Material UI • D3.js • Chart.js • JQuery • Leaflet

ML Libraries

Keras • Pandas • Scikit-Learn • NumPy

Tools & Platforms

GitLab • GitHub • Firebase • Netlify • Docker • ThingsBoard IoT

Education

UoPatras - Department of Computer Engineering & Informatics

Sep 2019 - June 2021 // Patras, Greece

Master's degree in Data Driven Computing and Decision Making

UoPatras - Department of Electrical & Computer Engineering

Sep 2012 - July 2018 // Patras, Greece

Master of Engineering in Electrical and Computer Engineering

Relevant Courseworking

React - The Complete Guide (incl Hooks, React Router, Redux)
Udemy - Check Credential ↪

Angular - The Complete Guide (2021 Edition)
Udemy - Check Credential ↪

Angular Testing Masterclass / RxJS In Practice
Udemy

Street Lighting pilot project

2020-2021

▷ A scalable street lighting solution template integrated in ThingsBoard IoT platform, that achieve complete control over a city lighting infrastructure and realize exceptional energy savings.

Esmart City

2022

▷ A smart application that interconnects and visualize public buildings of the regional unit of Achaia, for the energy management and monitoring, through the installation of smart energy devices, such as smart meters, smart plugs and sensors.

Master thesis

2020-2021

▷ Entity Linking with deep learning networks and community prediction methods, leveraging a knowledge base with 20 million Wikipedia articles and 93 million Wikidata items. (via Python & Apache Spark interface/PySpark).

Docker Mastery: with Kubernetes + Swarm from a Docker Captain
Udemy - Check Credential ⟶

Deep Learning Specialization
Coursera - Check Credential ⟶

Interests

Swimming / Water Polo

Reading books

Volunteering on ECESCON
(Eectrical & computer engineering conference)