

Andreas Andrikopoulos

Front-End Web Developer



a-andrikopoulos



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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, HTML, CSS3/Sass, Chart.js, D3.js, Leaflet etc.
- 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

Hellenic Army History Directorate - National archives

2022

- Web platform built in Angular (UI:PrimeNg) for creating and collecting 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.

Smart Cities / Street Lighting

2020-2021

- Software Development of 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. The basic framework and libraries used are Angular, Bootstrap, Leaflet.js, Chart.js, jQuery etc.

Skills

Programming Languages

Experienced:

Javascript (ES6) • TypeScript/Angular • React • HTML5 • CSS3/Sass • Python/PySpark

Familiar:

Node.js/Express, Java/Spring Boot

Libraries & Frameworks

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

ML Libraries

Keras • TensorFlow • matplotlib • NumPy • Pandas • Scikit-Learn

Tools & Platforms

GitLab • GitHub • Firebase • 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

2018-2021

- ▷ Worked on creating dashboard templates for smart energy management and monitoring by using Angular, jQuery, HTML, Bootstrap, CSS and NodeJS/ Express integrated in ThingsBoard IoT platform.

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).

MEAZON+

2021

- ▷ Worked for six months within a mobile development team and contributed on building the official company's mobile application using Flutter SDK, through which you can control smart IoT devices remotely, track and monitor energy use.

The Complete JavaScript Course 2021: From Zero to Expert! / Advanced CSS and Sass: Flexbox, Grid, Animations and More!

[Udemy](#)

Spring Framework 5: Beginner to Guru

[Udemy](#) - [Check Credential](#) ↔

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

(Electrical & computer engineering conference)