

Napoleon – Christos I. Oikonomou

napoleonoikon@gmail.com | iamnapo.me | github.com/iamnapo | [linkedin.com/in/iamnapo](https://www.linkedin.com/in/iamnapo) | [+30 6957979525](tel:+306957979525)

Experience

Lead Software Engineer

@ TechNative Software Services

02/2023 — Present

Thessaloniki, Greece

- Involved in leading full stack development of web applications using technologies such as React.js, Node.js, Express, MongoDB, GraphQL, and Serverless Microservices, with a focus on delivering high-performing, user-friendly applications.
- Collaborate closely with cross-functional teams including product managers and designers to deliver web applications that align with company objectives and meet project deadlines.
- Conduct interviews and participate in hiring new candidates, contributing to the company's growth and success.

Lead Software Engineer

@ Cyclopt

05/2019 — 02/2023

Thessaloniki, Greece

- Involved in leading full stack development of web applications using technologies such as React.js, Node.js, Express, MongoDB, GraphQL, and Serverless Microservices, with a focus on delivering high-performing, user-friendly applications.
- Acted as a lead architect, designing and implementing scalable and secure IT infrastructure to support web applications and meet the needs of the business.
- Utilized my experience as a senior developer to mentor and guide junior developers, promoting best practices in coding, testing, debugging, and knowledge sharing.
- Implemented industry-standard practices such as CI/CD pipeline, to improve deployment time and maintain development best practices for producing high-quality and maintainable code.
- Consistently delivered projects on time, resulting in high customer satisfaction and repeat business.

Computer Programmer

@ NATO Rapid Deployable Corps – Greece

11/2021 — 11/2022

Thessaloniki, Greece

- 1-year mandatory service in the Hellenic Army. Completed a 2-month training in the 71st Airmobile Brigade, then stationed in the 31st Informatics Systems Company.
- Honorably promoted to the rank of Lance Corporal for “having distinguished himself for his ethos, devotion to duty and excellent performance in the Service”.
- Full stack engineering and development using Node.js, Express, React.js, and MongoDB.
- Development, maintenance, and supervision of computer networks, including the installation of technical equipment such as UTP and Optical Fiber cables.
- Automated installation of Microsoft’s software for the NATO Command Group network (>1000 computers).

Software Engineer & Full-Stack Software Developer

@ Intelligent Systems & Software Engineering Labgroup, Information Processing Laboratory
Department of Electrical & Computer Engineering, Aristotle University of Thessaloniki (AUTH)

04/2018 — 07/2021

Thessaloniki, Greece

- Cross-platform mobile application engineering and development using React Native.
- Full stack engineering and development using Node.js, Express, React.js, and MongoDB.
- Engineering and development of a Big Data management and analytics platform using Apache Spark, Storm, Kafka, Node.js, and CockroachDB.
- Research Associate engaged in projects focusing on continuous implicit authentication for mobile devices and the implementation of nonintrusive appliance load monitoring techniques.

Freelance Software Developer

- Development of scalable and responsive web applications using the MERN stack.
- Test-driven development using Enzyme/Chai/Sinon, Jest, and AVA.

2017 — 2023

Thessaloniki, Greece

Software Development Intern

@ Atypon Systems

Summer 2015

Athens, Greece

- Developed a search engine, using the Java programming language and information retrieval techniques.

Education

Master's Degree in Data and Web Science

Aristotle University of Thessaloniki | Faculty of Science

10/2018 — 04/2020

Thessaloniki, Greece

Graduation grade: 9.17/10 | **ECTS:** 90 | **Thesis:** Developed an infrastructure for automating massive deployment of bitcoin private network nodes for network simulation.

Diploma (Master's Degree) in Electrical and Computer Engineering

Aristotle University of Thessaloniki | Faculty of Engineering

09/2012 — 04/2018

Thessaloniki, Greece

Graduation grade: 8.16/10 | **ECTS:** 313 | **Thesis:** Developed an infrastructure that allows software component discovery and reusability based on their meaning, through the use of a JavaScript module.

Publications

Continuous Implicit Authentication through Touch Traces Modeling

Karanikiotis T, Papamichail MD, Chatzidimitriou KC, *Oikonomou N-Cl*, Symeonidis AL, Saripalle SK

2020 IEEE 20th International Conference on Software Quality, Reliability and Security (QRS)

Genote: A Big Data Management and Analytics Infrastructure for the Web of Things

Chatzidimitriou KC, Papamichail MD, *Oikonomou N-Cl*, Lampoudis D, Symeonidis AL

WI '19: IEEE/WIC/ACM International Conference on Web Intelligence

npm Packages as Ingredients: A Recipe-based Approach

Chatzidimitriou KC, Papamichail MD, Diamantopoulos T, *Oikonomou N-Cl*, Symeonidis AL

ICSOF 2019: 14th International Conference on Software Technologies

BrainRun: A Behavioral Biometrics Dataset towards Continuous Implicit Authentication

Papamichail MD, Chatzidimitriou KC, Karanikiotis T, *Oikonomou N-Cl*, Symeonidis AL, Saripalle SK

Data. 2019; 4(2):60

Skills

- **Programming Languages:** TypeScript, JavaScript, Python, C, Java, Scala, MATLAB, R, Julia, HTML/CSS
- **Technologies:** Git, React.js, React Native, ES6, Sass, Webpack, Electron, MongoDB, Apache Spark, SQL, Redis
- **Engineering experience:** Machine Learning, Cloud Computing, Parallel Computing, Data Mining
- **Languages:** Greek (native), English (fluent)

Awards

EFG Eurobank Ergasias SA Scholarship

September 2012

- For having the highest Panhellenic Examinations grade in the 5th General Unified Lyceum of Ioannina.

Continuous Learning

AWS Certified Cloud Practitioner, License 386c4202-838d-46e4-bec0-72bf2f12c8e8

AWS, 2023

GitLab Certified Associate, License 17175604-2df9-44e8-8642-3904dbba7be8

GitLab, 2021

The Complete Front-End Web Development Course, License UC-68fb6255-1248-4e23-a530-fa30f1b7caae

Udemy, 2020

Industrial IoT on Google Cloud Platform, License 34QFHEJ7KNAN

Coursera, 2020

Data Science Math Skills, License G2VLYZG244N6

Coursera, 2020

Getting Started with AWS Machine Learning, License 527KH43CH5E9

Coursera, 2020

Google's Go (Golang) Programming Language, License UC-1aec3efe-4ec4-418f-a144-f2a5e7974fd0

Udemy, 2020

Introduction to Philosophy, License WVUDWTFYWMFL

Coursera, 2020

Python Programmer Track, License aeb0362a6190f36d57d5c00af20466de5a2fafc3

DataCamp, 2019

Data Analyst with Python Track, License 33ccbb1968b1be42f4fcfe0bb4954462e56e4210

DataCamp, 2019

Data Scientist with Python Track, License 9fae0d846d30f65dc675c70a1e5061adc37c7887

DataCamp, 2019

and lots more. Full list available at: iamnapo.me/courses

Organizations

Technical Chamber of Greece, *Member*

10/2018 — Present

Institute of Electrical and Electronics Engineers, *Student Member*

2012 — 2020

Interests

- Passionate about contributing to open-source software development
- Enjoying exploring the complexities of philosophy, politics, and debating
- Avid reader with a particular interest in crime novels