Nikolaos Anyfantis
Curriculum Vitae

Personal Data

Place & Date of Birth:	Heraklion, Greece | 08 Sept 1989
Address:	6 Laodamantos St., Heraklion - Crete, Greece
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email:	nikosanif@gmail.com
Nationality:	Greek

About me

- I'm currently working on Angular & Node.js Application Development.
- Exploring new technologies and developing software solutions.
- I have studied Computer Science and Computer Programming.
- I work as a Lead Frontend Developer.
- I write articles at dev.to/nikosanif, nikosanif.medium.com, and contribute to Open Source at Google Dev Lib.
- Enthusiast in Angular and Web Technologies in general.
- I have a passion for sleek user-friendly design and I love writing nicely architectured, clean and maintainable code.
- How to reach me: GitHub, LinkedIn, Twitter.

Work Experience

Jan 2021 – Present *London, UK*	**Lead Frontend Developer** Turintech *As a Lead Frontend Developer, I am responsible for overseeing the development and implementation of web applications. My role involves developing high-quality, scalable, and maintainable code, as well as mentoring and coaching junior frontend developers. I am also responsible for staying up-to-date with the latest industry trends and technologies, ensuring that the team is delivering innovative solutions to meet the needs of the business and its customers.*
Apr 2016 – Jan 2021 *Heraklion, Greece*	**Research & Development Engineer** Human Computer Interaction Laboratory (HCI) - ICS Foundation for Research and Technology (FORTH) *RnD Engineer on both research and production project areas. Strong experience on intelligent environments with the use of artificial intelligent, sensor networks and pervasive and mobile computing. Moreover, experienced in design and development of significant production projects of remarkable companies.*
Aug 2014 – Feb 2016 *Heraklion, Greece*	**Software Developer, Research Assistant** Information Systems Laboratory (ISL) - ICS Foundation for Research and Technology (FORTH) *As a Research Assistant of Information Systems Laboratory team under supervision of professor Yannis Tzitzikas. Working on services of modern Intelligent Systems and Virtualization technologies on Semantic Web area.*
Jun 2011 - Nov 2011 *Athens, Greece*	**Software Developer** CGSoft Company *Working as an undergraduate student on websites development based on Content Management Systems (CMS), such us Wordpress, Joomla and Magento.*

Education

Feb 2014 - Feb 2016 *Heraklion, Greece*	**University of Crete** M.Sc. in Computer Science - Gpa: 9/10 Specialization: Information Systems, Semantic Web, E-Commerce

Thesis: "Mappings Management for Ontology-based Integration"
Advisor: Prof. Yannis TZITZIKAS
Courses: *Semantic Web Data Management, Process Management Systems, Advanced Topics in Human-Computer Interaction, Interactive Computer Graphics, Special Topics on E-commerce, Knowledge Representation and Reasoning*

<table>
<tr><td>SEP 2007 – SEP 2011
Piraeus, Greece</td><td>**University Of Piraeus**
B.Sc. in INFORMATICS - GPA: 7.8/10
Specialization: INFORMATION SYSTEMS
Thesis: "IT Systems Security and Penetration Testing"
Advisor: Prof. Euaggelos FOUNTAS
Important Courses: *Data Structures, Algorithms, Internet and Web Programming, Software Engineering, Data Warehousing and Data Mining, Information Retrieval and Searching on the World Wide Web, Internet-Based Information Systems*</td></tr>
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TECHNICAL SKILLS

Frond-End Programming	Angular, Typescript, JavaScript, NgRX, RxJS, Angular Material Fetch API / Ajax, Web Sockets, Server-sent Events, HTML5, CSS3 (SASS, LESS), Material Design, Bootstrap, D3js
Back-End Programming	Node.js, NestJS, Express.js, Fastify, Mongoose, MikroORM, Java, C#, JWT Auth, REST/SOAP API Services, Shell scripting
DBM Systems	NoSQL - MongoDB, ElasticSearch, Neo4J, RDF/S, SparQL SQL - PostgreSQL, MySQL, Oracle
Message Brokers	Apache Kafka, Redis, RabbitMQ
DevOps	Docker, Docker Compose, GitHub Actions, GitLab CI/CD
Development Tools	NPM, Yarn, NX monorepos, Prettier, ESLint, esbuild, Webpack, Conventional commits, Swagger
Version Control Systems	GIT (GitHub, GitLab, Bitbucket, TortoiseGIT), SVN
Data Formats	JSON, YAML, XML, Xpath, Xquery, XSLT, XSD
Software Platforms	VSCode, WebStorm, Visual Studio, Adobe Photoshop, Adobe XD, Microsoft Office Suite, LaTeX
Other skills	- Extensive hands-on experience with Angular and NestJS (Node.js) - Lead projects and supervise a small team - Strong attention to detail and good problem-solving - Staying up-to-date with the latest industry trends and technologies - Good verbal and written communication skills

TEACHING EXPERIENCE

WINTER SEMESTER 2015-16 & 2013-14	**CS100 - Introduction to Computer Science (C)** TEACHING ASSISTANT at CS Dept. - University of Crete
SUMMER SEMESTER 2014-15	**CS359 - Web Programming (Java, Servlets, JSP)** TEACHING ASSISTANT at CS Dept. - University of Crete
WINTER SEMESTER 2014-15	**CS252 - Object-Oriented Programming (Java)** TEACHING ASSISTANT at CS Dept. - University of Crete
SUMMER SEMESTER 2013-14	**CS150 - Programming (C++)** TEACHING ASSISTANT at CS Dept. - University of Crete

PUBLICATIONS

- **Paper**. Nikolaos Anyfantis, Evangelos Kalligiannakis, Achilleas Tsiolkas, Asterios Leonidis, Maria Korozi, Prodromos Lilitsis, Margherita Antona and Constantine Stephanidis *"AmITV: Enhancing the Role of TV in Ambient Intelligence Environments"*. Proceedings of the 11th PErvasive Technologies Related to Assistive Environments Conference. ACM, 2018. Corfu, Greece.

- **Poster**. Asterios Leonidis, Dimitrios Arampatzis, Nikolaos Louloudakis, Nikolaos Anyfantis, Achilleas Tsiolkas and Constantine Stephanidis. *"AmI Solertis: a Web-IDE for Defining the Behaviour of Smart Environments"*. 11th Scientific Conference of FORTH. October 13-14, 2017, Heraklion, Crete, Greece.

- **Contribution in the context of MSc Thesis**. Yannis Marketakis, Nikos Minadakis, Haridimos Kondylakis, Konstantina Konsolaki, Georgios Samaritakis, Maria Theodoridou, Giorgos Flouris, Martin Doerr. *"X3ML Mapping Framework for Information Integration in Cultural Heritage and beyond"*. International Journal on Digital Libraries (2016).

CERTIFICATES & VOLUNTEERISM

- *Technical host at HCI International 2020 Conference.*
  July 19-24, 2020, FORTH-ICS, Heraklion, Crete, Greece.

- *9th Symposium and Summer School on Service Oriented Computing - SummerSOC'15.*
  June 2015, Crete, Greece.

- *3rd MUMIA Training School on Information Retrieval.*
  July 21-25, 2014, FORTH-ICS, Heraklion, Crete, Greece.

- *Google Developer Groups - DevFest Crete 2015. Local ambassador.*
  November 26-28, Heraklion, Crete, Greece.

NOTABLE PROJECTS

EUROPEAN PROJECTS

- **InCulture** Collection, narrative correlation and presentation of the intangible cultural heritage.
  http://www.inculture-project.gr/
- **CuRe** Cultures and Remembrances; Virtual time travels to the encounters of people from the 13th to 20th centuries.
  http://www.cure-project.gr/
- **TranSOL** Transnational solidarity at time of crisis. The EC project TransSOL (WP 2).
  http://transsol.eu/project/
- **LIVEWHAT** Living With Hard Times. The EC project LIVEWHAT (WP 6).
  http://www.livewhat.unige.ch/
- **BlueBRIDGE** is an EC funded project under the H2020 framework that kicked-off on 1st Sep 2015 aiming to further develop and exploit the iMarine e-Infrastructure data services for an ecosystem approach to fisheries.
  http://www.bluebridge-vres.eu/

PRODUCTION PROJECTS

- **Piraeus Bank.** Design and development of multimedia content presentation software and interactive in-store navigation (e-branch).
- **Bus Services.** Participation in the redesign of the information signs of arrivals and departures of the KTEL Heraklion - Lassithi, in the context of the development of interactive Diffuse Intelligence systems for the new intercity bus station.

RESEARCH PROJECTS

- **Intelligent House.** Design and orchestrate sophisticated mechanisms in order to enhance the everyday user activities with the use of pervasive and mobile computing, sensor networks, artificial intelligence, multimedia computing, middleware and agent-based software.
- **MatWare** is a tool for constructing domain-specific warehouses by aggregating semantic data. The main objective is to tackle the need for having integrated sets of facts regarding a particular domain. http://www.ics.forth.gr/isl/MatWare/

ADDITIONAL INFORMATION

LANGUAGES:	Greek (native)
	English - Professional working proficiency - Fluent
	Spanish - Elementary proficiency
DRIVING LICENSE:	A, B
MILITARY SERVICE:	9 months military service (obligatory in Greece)
	24 November 2011 - 24 August 2012
INTERESTS & ACTIVITIES:	Technology, Open-Source, Programming, Cinema, Music, Travelling
REFERENCE LETTERS:	Available on request