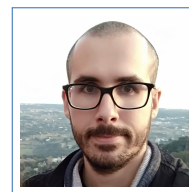


David Gago

Software Developer,
Msc in Computer Science

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Summary

Fast-learning and problem-solving Software Engineer with 3 years of experience in Full-Stack development, DevOps, Mobile development and Analytics for various clients and projects.

Experience

- May2019– **Software Developer**, *Deimos Engenharia*, Lisbon.
 - Present
 - Full Stack Developer (Angular, Java Spring Boot, Python);
 - DevOps Developer (Docker, Bamboo, Elasticsearch, Grafana);
- Aug2015– **Software Developer**, *Nextway Group*, Lisbon.
 - Dec2015
 - Mobile Developer (iOS & Android);
 - Web Developer (AngularJS, HTML, CSS)
- Mar2015– **Academic Internship**, *Nextway Group*, Lisbon.
 - Jul2015
 - Mobile Developer (iOS & Android);
 - Full Stack Developer (Entity Framework, ASP.NET, AngularJS)

Education

- Sep2016– **Postgraduate in Computer Science**, *Faculdade de Ciências e Tecnologias, Universidade Nova de Lisboa*, Lisbon.
 - Mar2019
 - Main Subjects: Security, Cloud Computing, Machine Learning, Mobile and Ubiquitous programming.
- Mar2013– **Bachelor of Computer Science**, *Faculdade de Ciências e Tecnologias, Universidade Nova de Lisboa*, Lisbon, *GPA: 16*.
 - Jul2016
 - Main Subjects: Distributed Systems, Algorithms and Data structures, Artificial Intelligence, Databases.

Volunteer work

- 26Nov2016 **FCT Coding Fest**, *Faculdade de Ciencias e Tecnologia*.
 - Surveillance of the contest

Programming Languages

- Proeficient Java, Typescript, SQL
- Intermediate Scala, JavaScript, Python, HTML, Objective-C
- Familiar with C#, C, Assembly, Ocaml, Delphi, \LaTeX

Skills

- Technologies Spring Boot, Angular, Docker, Elasticsearch, Akka Framework, Entity Framework, AndroidSDK, ReactJS, JavaEE, Java RMI, Arduino, REST, SOAP, Git
- Security Good knowledge about security threats and countermeasures, Symmetric cryptography, Asymmetric cryptography
- Methodologies Scrum

Languages

Portuguese	Native	
English	C2	<i>European language levels</i>
Spanish	B1	<i>European language levels</i>
Polish	A1	<i>European language levels</i>

Projects

- Hidrografico⁺**
- Web Application for Instituto Hidrográfico to showcase and commercialize geographic data;
 - Created and developed frontend project in Angular;
 - Created and fully developed backend using Java Spring Boot, PostgreSQL, Redis and the Netflix Stack (for microservice coordination);
 - Developed integration with services: GeoNetwork, GeoServer, ncWMS and Redmine;
 - Configured and integrated Gluu for authentication and authorization using Spring Security and OpenID;
 - Created docker compose configuration files to easily deploy the project locally and in all other environments;
 - Led the development of monitoring services for all parts of the system with ELK Stack;
 - Led the development of the backoffice service for adding new content;
- NextGEOSS Analytics**
- Monitoring the performance and health of Pilot Application runs integrated with NextGEOSS;
 - Technologies used: ELK Stack and Grafana;
 - Created several data ingestion pipelines for Filebeat and Metricbeat data in Logstash;
 - Developed new dashboards in Grafana for monitoring different parts of the system.
- MarineEO - Phase 2**
- Web Application for monitoring the sea and helping navigation in the north pole;
 - Developed frontend in Angular;
 - Developed backend in Python;
 - Developed integration with Geoserver and Atlassian Jira.
- Services4EO ESSTI**
- Web Application for Ethiopian Space Science and Technology Institute to monitor land and water bodies;
 - Developed frontend in Angular;
 - Created and developed microservice to support frontend and backend, using Java Spring Boot and MongoDB;
 - Created docker compose configuration files for deploying.
- My Land (Personal)**
- Android App about scheduling tasks for farmlands;
 - Usability focus by using Mapbox and intuitive controls;
 - High level of customization;
 - APK available in GitHub page.

Interests

- Reading** Mostly fantasy, although I also like to read technical books about different programming languages and frameworks
- Programming** Even though it is also my job, I like to program in my free time to learn new languages and develop personal projects