Javier Andrés Gamboa Duarte

📍 **Home** : Bogotá, Colombia

✉️ **Email:** jgamboa93@hotmail.com

🌐 **Website:** https://xaviz10.github.io/jgamboa-website/

in **LinkedIn:** https://www.linkedin.com/in/javiergamboaduarte/

👤 **Github:** https://github.com/Xaviz10

Date of birth: 10/12/1993   **Nationality:** Colombian, Portuguese

ABOUT MYSELF

Versatile Software Engineer with hands-on experience in both cloud infrastructure and application development. Skilled in building scalable, serverless architectures using AWS services including Lambda, API Gateway, DynamoDB, RDS, SQS, SNS, SES, Amazon Pinpoint, and Amazon Connect.

Also experienced in frontend and mobile development, with a proven ability to deliver responsive single-page applications using React and Angular, as well as cross-platform mobile apps with React Native and Ionic. Known for a proactive mindset, strong problem-solving skills, and excellent collaboration—able to work effectively with designers, product managers, and engineering teams to deliver high-quality, user-centered solutions. Committed to continuous learning and leveraging modern tools and best practices to drive innovation and performance.

WORK EXPERIENCE

Leanfactory

City: Bogotá | **Country:** Colombia

[27/07/2023 – Current]   ### Software developer

- Design and develop cloud-native solutions using AWS services including Lambda, API Gateway, DynamoDB, RDS, SQS, Pinpoint and Amazon Connect.

- Build responsive web applications with Angular and React.

- Develop mobile applications using React Native and Ionic.

- Collaborate with cross-functional teams to deliver scalable, maintainable, and user-centric products.

Serempre S.A.S

City: Bogotá | **Country:** Colombia

[07/2021 – 04/2023]   ### React Developer

- Development of single page web apps with React.

- Building reusable components following best practices and clean code architecture for maintainable and scalable solutions.

- Translating designs into high-quality code with attention to detail and user experience.

- Collaborating in Agile development environments using Scrum methodology to deliver iterative and value-driven software.

- Troubleshooting interface software and debugging application code to resolve issues promptly.

- Experience working with JavaScript/TypeScript, Material UI, Tailwind CSS, and other relevant technologies.

TRICAD

City: Aveiro | **Country:** Portugal

[02/2020 – 04/2021] **Industrial Automation Engineer**

- Developed user interfaces and control logic for automated machines, using C# for PLC integration and JavaScript for camera systems.

- Programmed PLCs, sensors, and cameras to meet client-specific automation requirements, applying structured logic and real-time data handling.

- Participated in the commissioning and on-site deployment of automated systems, collaborating closely with multidisciplinary teams.

- Verified and interpreted electrical, pneumatic, and hydraulic diagrams to ensure the correct implementation of control systems.

- Performed corrective and preventive maintenance on automation systems, enhancing system reliability and uptime.

This role allowed me to build a strong foundation in programming, user interface development, and problem-solving—skills that directly supported my transition into software engineering and cloud-based application development.

EDUCATION AND TRAINING

[08/2017 – 12/2019] **Master's degree in Industrial Automation Engineering**

University of Aveiro   https://www.ua.pt/en/course/124

City: Aveiro | **Country:** Portugal |

- Advanced technical training for the conception and development of automated machines and the integration of systems with robotized and perception units.
- Design of industrial vision systems, namely selections of equipment and techniques adequate to a variety of real problems.
- Comprehensive knowledge in the field of intelligent and mobile robotics.
- Develop of a Gateway for the Industry 4.0 that facilitates the vertical integration of devices in the field of industrial automation.

[08/2014 – 06/2017] **Bachelor's degree in Mechatronics Engineering**

University of Évora   https://www.uevora.pt/en/study/courses/bachelors-and-integrated-master-degrees?curso=2571

City: Évora | **Country:** Portugal |

- Solid knowledge in several areas, such as project and mechanical construction, electrotechnical engineering, software development with Python, robotics and industrial automation.
- Skills in the use of software such as AUTOCAD, for the realization of mechanical design and SIMATIC STEP 7, for the programming of SIMATIC PLCs.
- Development of soft skills for assertive communication and other competences, such as the capacity for autonomous learning, critical thinking and resilience.

LANGUAGE SKILLS

Mother tongue(s): Spanish

Other language(s):

Portuguese

LISTENING C2 **READING** C2 **WRITING** C1

SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** C1

English

LISTENING B2 **READING** C1 **WRITING** B2

SPOKEN PRODUCTION B1 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

SKILLS

Web Development HTML 5 CSS JavaScript | Linux Ubuntu | GIT (GitHub) | TypeScript | React Frame Work | Angular | AWS (S3, Lambda, EC2)

PROJECTS

Master's degree final project

"*Gateway Industry 4.0*"

Development of Modbus gateway that allows a direct connection between a PLC and a database hosted in the cloud. The project was developed using the C / C ++ language, for the development of the Modbus server. In addition, the JavaScript language through Node.js was used to implement communications with the database and the gateway's webpage configuration server.