

Gustavo Adolfo Camargo Pineda

+57 322 681 0212 | camargogustavo@gmail.com | Cra. 46 #8b-95, Cali, Valle del Cauca

Summary

Gustavo Camargo, a dedicated Software Engineering student from Colombia, I am known for my meticulous attention to detail and strong communication skills. My creative thinking abilities are geared towards delivering tangible results. I am consistently recognized by peers for my work ethic and am eager to contribute to the success of your team.

Experience

Intellsis | Montreal, Quebec

Junior Software Engineer | 10/2023 - Present

My role:

As a dedicated leader within the organization, I spearhead the efforts of four backend development cells, driving our team towards excellence in processing and editing point cloud data from diverse file sources. My journey with Intellsis began as a developer, where I honed my skills in creating robust solutions for complex challenges. Today, as one of the key leaders specializing in Potree solutions, I leverage my technical expertise and leadership capabilities to guide our projects to successful completion.

Responsibilities:

- Developed and refined web-based solutions for managing point cloud files (LAS, LAZ, E57), utilizing JavaScript and Three.js to enhance data visualization and user interaction.
- Led 3 Backend Development Cells, focusing on collaboration, technical skill development, and project management.
- Created a robust GraphQL backend in Go, incorporating gqlgen for code generation, aimed at system efficiency and scalability.
- Spearheaded the optimization of point cloud file loading and downloading processes in the backend, significantly improving performance and user experience.
- Research and create new solutions to Potree.
- Coordinated the integration of various development cells, ensuring streamlined workflow and system consistency.
- Acted as a decision-maker for backend strategies and as a mentor, supporting the professional growth of new team members.

Achievements:

- Enhanced data visualization capabilities, leading to improved user satisfaction and client engagement. Implemented a new GraphQL backend system, streamlining backend processes and boosting team productivity.
- Successfully optimized point cloud file operations, significantly reducing loading and downloading times. Fostered team growth and improved project outcomes through effective leadership and strategic team expansion.
- Contributed to a dynamic and supportive work culture, mentoring new engineers and enhancing team skill sets.

Betty Cleaning Services | New York, NY

Junior Software Engineer | 09/2022 - Present

Responsibilities:

- Designed and developed a user-friendly web application using React.js, significantly enhancing the company's service booking process.
- Crafted a dynamic system enabling clients to view cleaner availability, schedule appointments, and seamlessly confirm bookings.
- Initially implemented Firebase for database management, later transitioning to MySQL for improved system efficiency and scalability.

Achievements:

- Successfully modernized the booking system, resulting in a more intuitive and efficient client experience.
- Led the migration from Firebase to MySQL, optimizing the database system for enhanced performance and data handling.
- Played a pivotal role in increasing client satisfaction through the development of a user-centric web interface.

- Contributed to the overall improvement of the company's operational efficiency, as evidenced by positive client feedback and streamlined booking processes.

Skills

Java, Communication Skills, Bilingual, Leadership, Python, React.js, Cybersecurity, C++, Agile Development, MySQL, English, Go, GraphQL, Three.js, JavaScript, Spring, Node.js, AWS, PostgreSQL, MongoDB, gRPC, Django, HPC

Education

Universidad San Buenaventura | Valle Del Cauca Software Engineering | 06/2026

I am a Software Engineering student at Universidad San Buenaventura Cali, where I have completed five semesters with outstanding performance, maintaining a GPA of 3.7 and being among the best in my class for five consecutive semesters. My leadership and technical skills have earned me the trust of the university directives, who have involved me in various projects. I was selected by the university to participate in an XR tech campus at Universidad de los Andes in Bogotá, where I was one of the 3 students chosen from all engineering programs at my university. Additionally, I have been selected for multiple academic and professional events, including Hackathons, Datathons, and the latest HPC camp, where I learned about HPC, AI and ML launched on HPC, and even Quantum Computing.

Languages

English, Spanish, French

Certificates

Python, Java, React.js, XR Development, Web Development, Fullstack, HPC (High Performance Computing)

Awards

Vivero Virtual Ambassador, Ambassador at Blanc Labs