

Contact

Email: bryam.steven.lopez@gmail.com
Phone: +506 6263-3553
Address: San Carlos, Alajuela, Costa Rica.
LinkedIn: [linkedin.com/in/bryamslm](https://www.linkedin.com/in/bryamslm)
GitHub: github.com/bryamslm

Certifications

- Desarrollo de Apps móviles, Google Activate.
- JavaScript Algorithms and Data Structures, FreeCodeCamp.
- La guía definitiva del desarrollo de videojuegos con Unity, Udemy.
- Curso Profesional de C++.

Skills

- **Technical Skills:**
 - **Observability Tools:** OpenTelemetry, Collector Prometheus, Grafana, Elasticsearch, Tempo, Mimir, Loki.
 - **Programming & Frameworks:** Node.js, JavaScript, TypeScript, Python, React, Unity, C#, Java, C++, Express.js, .NET Framework (basic).
 - **AR/VR Tools:** Unity, Ionic, Flutter, Vuforia SDK, MyWebAR.
 - **Version Control:** Git, GitHub, GitLab, Bitbucket.
 - **Testing & QA Tools:** JMeter, Selenium, TestNG, Cucumber, Jest, Supertest, Pytest, PyUnit.
 - **Databases:** PostgreSQL, SQL Server, Firebase, MongoDB (basic).
 - **Containerization & CI/CD:** Docker, YAML.
- **Soft Skills:** Teamwork, effective communication, adaptability, problem-solving, attention to detail.

Education

Instituto Tecnológico de Costa Rica
Bachelor's Degree in Computer Engineering (2020 - 2024)

References

Juan Carlos Rojas Benavides

Technical Lead
Vivo Gaming
Email: juan@vivogaming.com

Rogelio Gonzáles Quirós

Professor on Computer Science Department
Instituto Tecnológico de Costa Rica
Email: rojo@itcr.ac.cr

Bryam López Miranda

JR SOFTWARE ENGINEERING

Professional Experience

Jr Software Developer

Vivo Gaming (07/2024 - 11/2024)

- Developed a scalable observability framework for Node.js services, reducing error detection time by 67% (from 15 to 5 minutes).
- Integrated tools like OpenTelemetry, Prometheus, Grafana, Elasticsearch and Tempo.
- Configured dashboards and alerts in Grafana, increasing incident resolution efficiency by 50%.

AR Educational Application Developer

Instituto Tecnológico de Costa Rica (08/2022 - 12/2023)

- Designed AR applications for educational challenges, improving student engagement by 60%.
- Simplified molecular ionization and promoted biodiversity awareness through interactive AR experiences.
- Enhanced mechanics learning by teaching torque operations via AR-based mobile applications.

Web Application Developer for E-Commerce Project

Instituto Tecnológico de Costa Rica (08/2023 - 12/2023)

- Built an online store using React and Firebase, optimizing international purchases and reducing application load time by 20%.
- Created a category manager to efficiently organize products, enhancing user experience and navigation within the store.

Teaching Assistant in Computer Science

Instituto Tecnológico de Costa Rica (08/2022 - 07/2023)

- Supported over 20 students in mastering programming fundamentals and data structures, including lists, stacks, queues, trees, and graphs.
- Created hands-on learning materials, improving students' understanding and practical application of algorithms by 20%.

VR Game Developer

Instituto Tecnológico de Costa Rica (12/2022 - 02/2023)

- Developed Bomberman VR for Android, integrating gaze-based tracking to enhance player immersion and designing 5 unique levels with increasing complexity.

Languages

Spanish

Native.

English

Proficient in technical English for programming.