

# Luis Felipe Fernández Bravo

INFORMATION TECHNOLOGY ENGINEER

Guanacaste, Costa Rica

[l.felipe200082@gmail.com](mailto:l.felipe200082@gmail.com)

+506 8316-6771

[LinkedIn](#)

[Github](#)

Information Technology Engineer with over 3 years of experience in full-stack software development. Throughout my career as a developer, I have built scalable solutions using technologies such as React, Next.js, Astro, Python, and AWS. I have worked with national and international clients and have experience with agile methodologies such as Scrum.

## WORK EXPERIENCE

### Frontend Lead

October 2024- Present

Linkamerica Labs | (Remote)

- Led the frontend team in building a web application for a U.S.-based healthcare company specializing in electrocardiogram (ECG) technology, using Next.js.
- Designed and implemented an ECG Viewer to allow medical professionals to register patients, track treatments, and visualize ECG recordings.
- Introduced unit testing using Vitest to enhance code reliability and long-term maintainability.
- Collaborated closely with backend, product, and QA teams to ensure alignment with clinical workflows and usability goals.
- Produced detailed technical documentation to support onboarding and future scalability.

### Key Achievements:

- Successfully delivered a production-ready ECG web platform, improving the speed and accuracy of diagnostic workflows for healthcare professionals.
- Established best practices in testing and documentation, significantly reducing onboarding time for new developers.

### Software Developer

November 2022 - October 2024

Linkamerica Labs | (Remote)

- Developed a mobile application using React Native and Expo to collect ECG data via a BLE (Bluetooth Low Energy) device and transmit it for real-time analysis.
- Tackled key technical challenges involving BLE integration, signal handling, and algorithmic data processing.
- Built an RPA solution in Python and AWS Serverless to automatically detect and close duplicate JIRA tickets.
- The RPA improved metrics for a telecommunications client supporting Cradlepoint routers in the U.S. and Latin America.

### Key Achievements:

- Reduced duplicate JIRA tickets by 90% through automation, enhancing operational efficiency in a high-volume support center.
- Delivered a BLE-integrated mobile solution critical to the client's medical hardware ecosystem.

## Frontend Contractor

September 2021 - November 2022

### Lantern Technologies | (Remote)

- Maintained and enhanced an employee self-service chatbot for one of Central America's largest telecom companies.
- Migrated the frontend from jQuery to a standalone React Native application, modernizing the platform for improved scalability and performance.
- Implemented push notifications and QR code redirections to enhance the user experience.
- Collaborated with backend and design teams to improve UX and platform responsiveness across devices.

### Key Achievements:

- Led the successful migration to a React-based architecture, reducing maintenance complexity and improving performance.
- Delivered a solution that streamlined HR operations for thousands of employees, reducing manual requests and improving response times.

## TECHNICAL SKILLS

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**Frontend:** React, React Native, Next.js, Astro, Expo, TypeScript, HTML, CSS, Tailwind CSS.

**Backend:** Python, REST APIs, AWS Lambda, API Gateway, S3 Buckets, EC2, SQS, AWS Amplify.

**Databases:** SQL, DynamoDB (NoSQL), PostgreSQL.

**Cloud & DevOps:** Amazon Web Services (AWS), CI/CD pipelines.

**Version Control:** GitHub, GitLab, Bitbucket.

**Testing & Documentation:** Vitest, Jest, Unit Testing, ESLint, Prettier.

**Project Management:** Monday, Jira.

## EDUCATION

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January 2018 - October 2024

Invenio University - Cañas, Guanacaste, Costa Rica

**Bachelor's Degree in Information and Business Communication Technologies.**

## APTITUDES

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Problem-solving  
Effective communication

Teamwork & Collaboration  
Continuous learning

Adaptability & Flexibility  
Time management

## REFERENCES

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**Alejandro Oviedo**

**Backend Owner in Linkamerica Labs**

**Phone:** +506 8617-9499

**Email:** alejandro.oviedo@linkam.com

**Esteban Rojas**

**Frontend developer in Linkamerica Labs**

**Phone:** +506 8755-7535

**Email:** esteban.rojas@linkam