

José Antônio Ferreira de Lima

+1 (574) 300-6434 | jferrei5@nd.edu | [linkedin.com/in/lima-j](https://www.linkedin.com/in/lima-j) | <https://github.com/jlimaz> | Rio de Janeiro, Brazil

EDUCATION

University of Notre Dame – College of Engineering, Notre Dame, IN May 2029
B.S in Computer Science (minor in Collaborative Innovation) GPA: 3.0+

Fellowships: Transformational Leaders Program, ALPFA, and ISMART

PROFESSIONAL EXPERIENCE

Crebit Pay, Remote Dec. 2025 – Mar. 2026
Software Engineer

- Engineered a comprehensive suite of internal and external operational tools, including a sales dashboard built with Next.js and TypeScript, which centralized analytics and improved data visibility for the team.
- Developed an automated LinkedIn outreach system using Python to scale lead generation efforts, significantly reducing manual prospecting time and accelerating the startup's sales pipeline.
- Integrated seamless international payment channels by leveraging the YellowCard API and stablecoins, establishing a secure and scalable infrastructure for cross-border transactions.

W1 Consultoria, São Paulo, Brazil Jun. 2025 – Aug. 2025
Software Engineer (Internship)

- Engineered an automated invoice processing system by developing a secure REST API to connect an AI model with national tax databases, which cut manual errors by over 90% and guaranteed 100% data compliance.
- Mapped the end-to-end user flow with the financial team, streamlining the journey from invoice ingestion and AI analysis to final tax data reconciliation.
- Enhanced a sales-enablement Chrome extension by building a dynamic timeline that synchronized with live AI analysis, improving consultant script adherence, security, and delivery of key talking points.

IPT 360, São Paulo, Brazil Apr. 2024 – Jun. 2024
Software Engineer

- Developed a full-stack web application to streamline building inspections, integrating advanced image editing features for photo annotation and management that significantly improved inspector workflow efficiency
- Engineered a secure and scalable backend using Node.js and Express.js, leveraging Supabase to manage a PostgreSQL database for robust, real-time data storage and retrieval of inspection records

Code Breaker, São Paulo, Brazil Feb. 2025 – Apr. 2025
Software Engineer

- Developed a gamified onboarding for BTG Pactual, building an interactive game experience using Phaser.js to streamline new hire training, leading to increased engagement and faster acclimation in Investment Funds
- Leveraged Local Storage to implement a robust client-side progress tracking system, which dynamically updated visual elements to create an engaging, seamless, and persistent user experience across sessions.

LEADERSHIP & INVOLVEMENT

Kaisen Decentralized Knowledge Validation, Notre Dame, IN Jul. 2025 – Present
Tech Lead

- Spearheaded the development of an award-winning decentralized educational platform, securing a monetary prize and industry mentorship in a competitive hackathon
- Built a responsive React/TypeScript front-end with AI-driven features to deliver personalized learning paths based on high-fidelity prototypes.
- Architected and deployed a novel blockchain-based certification system using Motoko, issuing immutable, verifiable proof-of-learning as NFTs to enhance users' digital credentials and professional reputation.

The Knowledge Society (TKS), Toronto, Canada Sep. 2023 – May 2024
Fellow (Innovator)

- Analyzed complex business cases and developed strategic solutions for challenges presented by global organizations, including Meta and the World Economic Forum (WEF).
- Collaborated in a high-impact team environment to research, prototype, and pitch innovative proposals
- Selected for a competitive 10-month accelerator program focused on Artificial Intelligence, developing advanced skills in machine learning and neural networks.

SKILLS AND INTERESTS

Programming Languages: JavaScript, TypeScript, Python

Languages: Portuguese (Native) and English (Fluent)

Skills: React.js, Node.js, PostgreSQL, Prototyping, Figma, GitHub Actions, Agile Development, CI/CD, Excel

Interests: Indoor Soccer, Sci-Fi Films, Eastern Culture (especially Japanese)