

Santiago Lobo Ulloa

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About Me

I'm a Software Developer who thrives at the intersection of beautiful design and robust functionality. With a strong foundation in frontend technologies and a genuine enthusiasm for backend architecture, I love crafting solutions that are both visually compelling and technically sound.

Currently working as a Frontend Engineer while pursuing Computer Engineering, I'm constantly expanding my skill set and seeking innovative ways to solve real-world problems. I believe the best products emerge when creativity meets innovation—and I'm always eager to learn, collaborate, and push the boundaries of what's possible.

Experience

Frontend Engineer, BOSS.Tech – San José, CR

Dec 2024 – present

- Engineered a comprehensive React Native business automation platform using TypeScript, RTK Query, and Expo/EAS, integrating contact management, real-time chat, AI features, and financial tools for SMB customers
- Architected and developed MiniApp technology platform, enabling modular application functionality within the core business automation ecosystem
- Systematically resolved React Native performance bottlenecks through strategic memoization and component architecture improvements to minimize computational overhead

Backend Intern, BOSS.Tech – San José, CR

Oct 2024 – Nov 2024

- Developed and integrated RESTful APIs using Universal API Generator (UAG) to connect third-party services including Instagram and Facebook, enabling seamless data synchronization across platforms
- Architected backend automation services that centralized and streamlined internal business processes, reducing manual workflows and improving operational efficiency
- Partnered with engineering teams to establish secure authentication protocols, implement scalable architecture patterns, and maintain code quality standards

Education

ULACIT, Bachelor in Computer Engineering – San José, CR

Jan 2025 – present

- Awarded Leadership Scholarship recognizing academic achievement and leadership capabilities.
- Led Entrepreneurship Club as President, organizing events and mentoring members in startup development and business strategy.
- Active member of technology-focused student organizations, contributing to collaborative projects and knowledge sharing.

Don Bosco Technical High School, Technical Diploma in Web Development

Feb 2022 – Dec 2024

- Awarded STEAMER Modelo distinction for outstanding engagement and contributions to cross-disciplinary STEAM projects and initiatives
- Developed foundational expertise in web development technologies, including frontend and backend programming principles
- Balanced rigorous technical education with hands-on project work, preparing for advanced studies in Computer Engineering

Skills

Mobile & Frontend: React Native, TypeScript, React, Redux, RTK Query, Expo/EAS

Backend & APIs: Node.js, Python, Django, RESTful APIs, Universal API Gateway (UAG), WebSocket, Express

Tools & Platform: Git, GitLab, Figma, EAS Build

Languages: Spanish (native), English (TOEIC, C1)