Jeshua Linder Jiménez

Contact

jeshualinderj@gmail.com   Jeshua.linder@upr.edu   www.linkedin.com/in/jeshualinderjimenez/

https://github.com/JeshuaLinderJ   https://portfolio-git-main-jeshuas-projects-51037369.vercel.app/

Education

University of Puerto Rico, Mayagüez –   B.S. in Software Engineering,   Expected Fall 2028

Professional Experience

Technical Lead, Roadeo Inc. – San Juan, PR   May 2024 – Ongoing

- Led development and maintenance of Roadeo's mobile and web applications, optimizing backend **API requests by 90%** and significantly reducing **cloud infrastructure costs by hundreds of dollars**. *[Dart, TypeScript, JavaScript, Node.js, APIs,*
- Designed and implemented **CI/CD pipelines** across Android, iOS, and web platforms via **GitHub Actions**, establishing industry-standard deployment processes, implementing a **4-tier testing framework** and distinct **development environments**, applying **DevOps & OWASP** principles.
- Achieved a **96% reduction** in app startup time (from 4.69s to 118ms) and contributed to a **50% user base growth in 60 days**, directly attributed to quality improvement via time-on-app and acceptance testing among **thousands of users**.
- **Developed multiple APIs** for payment services and have begun laying groundwork for custom locally hosted server for personalized services/features to over **50 businesses** across the country.

Embedded/Full Stack Software Engineer, Loxodon-1 – Mayagüez, PR   Jan 2024- Ongoing

- Designed, developed, and deployed, **Docker**-mounted Rocket Engine **Control/Monitoring** Hub
- Directly responsible for the development of **wireless capability** for the first Bi-Propellant Liquid Engine Rocket in Puerto Rico; individually coding wireless service into more than a **dozen microcontroller**-fed sensors and valves, while connecting their data to an Influxdb backend-> MQTT broker-> TS/CSS website. *[C++, C, Assembly, Python, TypeScript, JavaScript, Python, Embedded Systems]*
- **Managed to display sub-second remote data telemetry** on front-end, previously handled via manual loading, such as in Influxdb, and assisted in the overall design and representation of system data within front-end website. *[JavaScript, HTML, CSS, Web Dev/Design, Data Base/Analytics]*

Industry Relevant Projects - *All available in https://github.com/JeshuaLinderJ*

Automated YouTube/Spotify Playlist   Jan 2025
- Developed series of python scripts to parse contents of iPod Classic, to automatically create online music playlists, and document unrecognized songs within Spotify database for family member
- Applied knowledge of **APIs** via **Google & Spotify tools**, to solve personal dilemma with **apple** product that lacked online solution
- Direct line of thinking to tangible solution within a single day, delivering solution in a consumable format; used knowledge from **Google Data Analytics** course

Automated Dice via Microcontroller   Dec 2024
- Created tool to automate physical dice of 2, 4, 6, 8, 10, 12, 20, & 100 sides, with an intuitive custom menu GUI, and vector animated "rolling"
- Strengthened proficiency with **microcontrollers**, engaging in a deeply passionate and time-consuming project with no academic/monetary incentive
- Product development and showcase, demonstrating ability to both initiate and produce results

Skills

- **Languages:** Python (3.10-3.12), Java , C++ (v20^, Arduino), C, JavaScript (Node 18-24, React), CSS, HTML, Dart, Swift, Lua, JSON, ASM (ARM64), TypeScript, Tailwind CSS, SQL
- **Software:** Docker, Firebase, Git (GitLab, GitHub, Git CLI), GitHub Actions, Influxdb, Stripe API, Virtual Machines, Embedded Software, REST API, LLM, Google APIs, Twilio, NoSQL, Xcode, Android Studio, Vercel, Payment Service API, MacOS, Windows (7, 10, 11), Linux (Ubuntu, Debian, Mint, Kali, Arch), iOS, Android, GCloud CLI, AI Assisted Development
- **Soft Skills:** Leadership, compromise, critical thinking, multicultural/multilanguage communication, project management, **agile methodology,** public speaking, marketing, negotiation