Igor Guerrero

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SKILLS

Programming in Python, Ruby, C#, C/C++, Java, Rust, Nim, Haskell and many more. Linux, I daily drive NixOS, AI / machine learning, Management of development teams, Software Architecture, UI/UX, designing for web and mobile

EXPERIENCE

Classic, Remote US — *Sr. Software Engineer*

Sep 2022 - Current

- Helped develop and maintain both frontend and backend systems for one of the largest classic automobile websites, utilizing Python (Django) and Elixir (Phoenix).
- Engineered solutions to manage terabytes of auction data from classic cars worldwide, leveraging PostgreSQL to optimize data handling and storage.
- Solved complex big data challenges and optimized frontend performance, contributing to the platform's scalability and user experience.

https://www.classic.com/

HODL Wallet, Remote US — CTO, *Sr. Software Engineer*

Feb 2018 - Current

- Led the development of an open-source, decentralized Bitcoin digital wallet, designed to enhance user privacy and security while adhering to Bitcoin standards (BIP32, BIP39, BIP141).
- Architected a light client that ensures users have complete control over their data, aligning with the philosophy of making users their own bank.
- Grew HODL Wallet to ~30K users with a highly secure, native mobile application ecosystem (iOS in Swift, Android in Java), now advancing the platform using C# and Xamarin.

https://hodlwallet.com

https://github.com/hodlwallet

Bitstop, Miami, FL — CTO, *Sr Software Engineer*

Feb 2018 - July 2022

- Managed all technical operations for a leading Bitcoin ATM network, securing the financial data of ~60K customers and ensuring $1.2M in Bitcoin transactions were safeguarded at all

times.

- Developed and maintained a microservices architecture, leading key services such as Bitcoin pricing, billing, and KYC, while also contributing to frontend development using VueJS and React.
- Played a crucial role in scaling the company's technical infrastructure to support significant growth in a highly competitive market.

https://bitstop.co

Octopi, Miami FL — *Software Engineer*

May 2017 - Feb 2018

- As the first engineer, architected and developed maritime port software to automate vessel cargo and gate operations, significantly improving efficiency in vessel planning.
- Built a Ruby-based system that automated cargo positioning within vessels, which was pivotal in the acquisition of Octopi by Navi, a global leader in ship terminal operations software.

https://octopi.co

LifeWallet, Miami FL — *Sr Software Engineer*

May 2016 - Feb 2017

- Engineered a HIPAA-compliant backend in Ruby for a health tracking platform, enabling secure storage and management of patient health data.
- Contributed to the successful deployment of LifeWallet in Miami Baptist Hospital, enhancing patient care through secure and award-winning technology solutions.

https://www.lifewallet.com

BrightGauge, Miami FL — *Sr Software Engineer*

Feb 2014 - Dec 2016

- Developed client reporting software using Python (Django) and Cassandra, focusing on scalable data storage and real-time querying capabilities.
- Provided key contributions to the frontend in Angular and conducted Python and JavaScript training for the development team, driving overall technical excellence.

https://www.brightgauge.com/

1Sale, Miami FL — Sr *Software Engineer*

May 2013 - Feb 2014

- Maintained and enhanced a high-traffic, Ruby-based e-commerce platform, ensuring PCI compliance while delivering new features that supported $160M in annual revenue.
- Led initiatives to hire and train new talent, contributing to the growth and sustainability of the engineering team.

https://www.1sale.com

Senzari, Miami FL — *Software Engineer*

Mar 2010 - May 2013

- Developed a music recommendation engine using Python (Django) and PostgreSQL, powering a web-based single-page application that gained a partnership with MTV Spain.
- Built an embeddable JavaScript-based music player that expanded the platform's reach to multiple websites, contributing to the startup's growth and visibility.

Freqent, Miami FL — *Cofounder, CTO*

Feb 2010 - May 2012

- Co-founded a restaurant loyalty management startup, leading all aspects of development, from design to deployment, using Python (Django).
- Successfully managed the acquisition by FiveStars (YCombinator), expanding their platform to serve ~150 restaurants in the Miami area.

https://www.fivestars.com

PROJECTS

Open Source Developer

- Notable contributions and projects can be explored on my Github https://github.com/igorgue, where I actively maintain and collaborate on various repositories.
- For a comprehensive overview of my work, including presentations and personal projects, please visit my personal website: http://igorgue.com.