

PROFILE

Passionate and skilled Mobile Full-Stack Developer offering 5 years of relevant experience and a proven track record. Participating in all aspects of the development cycles and turning ideas into products. From Designing the UX/UI, to turning designs into high-performing mobile apps, to building a secure, scalable and performing backend. Always curious and experimental with new technologies and market trends.

EDUCATION

UNIVERSITY OF MIAMI, MAY 2018

BACHELOR OF ENGINEERING IN SOFTWARE ENGINEERING

Main Courses: Data Structure, Algorithms, Database Design, Cryptography, Processor, Networking, Logic, etc

Courses Languages: C++, C, MySQL, Assembly, Verilog, Linux

TECH STACK:

- **FrontEnd:** Flutter, IOS, Android and PWA
- **Backend:** C++, Golang, MySql, Cassandra, AWS, GCP, Docker, Kubernetes, Git, MongoDB, Swift
- **Blockchain Consensus:** Proof of Work, Proof of Stake, Zero-Knowledge Proof and more ...
- **Blockchain Cryptography:** Mixing, Group Signature, Ring Signature, ABE, HE, SMPC, NIZK, etc ...

EXPERIENCE

EATERIST (Startup), Full Stack Developer

Miami, FL

Nov 2019-Present

- Built five different IOS and android mobile apps with complex and unique graphical functions on Flutter
- Adopted Provider and Bloc for state management in Flutter and followed best practices for performance
- Implemented widget testing and unit testing for quality and performance assurance and Mocktail
- Maintained an easy to manage MVVM architecture for Api request on Flutter and Jason Web Token (JWT)
- Delivered scalable, secure and well-documented Microservices with GoLang (Mux) on Docker
- Hosted the Cassandra (NoSQL), MongoDB and MySQL Databases on AWS
- Used Google GCP for Hosting the backend for authentication and the database and firebase notifications
- Created a scalable chronological feed using Cassandra
- Integrated Swift to connect to hardware on IOS devices and used platform channels to integrate to Flutter
- Leveraged Machine Learning Models (Tensor Flow) to prevent inappropriate pictures being shared in Flutter
- Secured app with authentication and authorization using Jason Web Token (JWT) on Flutter and Golang
- Prototyped and designed over 100's pages of well-designed and easy to use UX and UI using Sketch
- Proficient in Atlassian's Jira and Trello and Agile Development methodology and improved productivity
- Deployed backend with CI/CD using GitLab, Docker
- Integrated Stripe to the backend to accept payments

Bushido Lab, Blockchain Developer

Miami, FL

Jul 2018-Nov2019

- Worked on the c++ backend of a blockchain that leveraged the best features of Bitcoin, Dash and ZCash
- Integrated all the forked cryptographic backends such as proof of work, proof of stake and zero-knowledge proof and managed to customize and integrate them simultaneously to the client's request
- Collaborated on GitHub for version control management and familiar with Visual Studio
- Managed all the Consensus, Macroeconomics, Cryptography and Architecture of the open-source project
- Conducted in-depth market research and analysis on distributed ledger technologies to help clients with their business strategies in adopting blockchain
- Helped clients with their business strategies in adopting blockchain and innovative technologies
- Created blockchain educational content for clients
- Participated in daily SCRUM and implemented Agile development principles
- Developed a decentralized application writing Solidity smart contracts on the Ethereum Network
- Built a secure wallet that is hosted on a progressive web application using HTML5, Truffle, Infura and Web3
- Designed an easy-to-use UI/UX for the wallet on Sketch and insured technical usability on the website
- Participated in Daily Scrum Meetings and familiar with Agile Methodology that improved communications
- Used Atlassian: Trello to implement Scrum for task tracking and workflow Management