

Marcos Aurelio Salazar Torres

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EDUCATION

Stevens Institute of Technology

Bachelor of Science in Computer Engineering.

Launchpad@Stevens Member: *invite only entrepreneurship program*.

Hoboken, NJ

Expected: May 2024

SKILLS & AWARDS

Programming: Go (Intermediate), JavaScript (Advanced), NextJS (Advanced), ReactJS (Advanced), C++

Languages: Spanish (Proficient)

Awards: Global Scholarship, iSTEM/Launchpad Startup Summer Grant.

PROFESSIONAL EXPERIENCE

Launchpad@Stevens: *invite only entrepreneurship program at Stevens*

Hoboken, NJ

Peer Mentor

Oct 2022 – Present

- Lead students in the development of software architecture.
- Organized and delivered interactive lessons on coding and design principles.
- Conduct assessment interviews for future recruits.

Cabal Labs

Hoboken, NJ

Co-Founded a web3 research and development organization.

Oct 2022 – Present

- Secured sponsorship and coordinated a seven-member team's trip to 4 international competitions.
- Developed web3 development tutorials for young professionals.
- Managed multiple GitHub repositories, optimizing the development workflow.

ImpactMarket

Remote

Frontend Developer Intern

June 2023 – Sept 2023

- Developed and refined PWA features using NextJS, improving user experience and interface.
- Worked on the implementation of the manager dashboard on the microcredit platform, enhancing operational efficiency and user management.

SecureMeeting

Hoboken, NJ

Software Developer

June 2021 – Sep 2022

- Build a secure and decentralized account management system for SecureMeeting's platform.
- Upgraded SecureMeeting's website using React; developed REST APIs using Golang.
- Maintenance of platforms' WebRTC architecture.

PORTFOLIO

ZKFund

Platform that seeks to democratize donations by leveraging Web3 Technologies.

- Designing and implementing three smart contracts to manage voting processes, donation transactions, and charity requests within the platform.
- Lead integration of back-end software in the front-end, using NextJS.
- Integrating TheGraph, an indexing protocol, to efficiently track and access information about all participating charities registered, validators and users.

ETHWaldo

A platform streamlining the collaboration between creators and sponsors in through secure agreements.

- Designed a secure vault system for payment protection and implemented automated smart contract-driven payment processing.
- Front-end implementation using NextJS.
- Established a robust peer-review system for content quality assurance and deal compliance.

CabalChat

Allows a first-time Web3 user to ask questions, analyze token markets, and complete transactions in simple and minimal chat-based prompts.

- Designed and implemented a user-friendly chat interface utilizing Next.js, tailored for simplicity and efficiency in navigating the complexities of Web3.
- Integrated a secure and convenient authentication system using the Safe Protocol, ensuring robust user access control.
- Enabled dynamic backend integration through the lanchain framework and ChatGPT-4, providing real-time, streamable responses for an interactive user experience.

