

ALBERTO SOSA FERNANDEZ

Senior Full Stack Software Engineer

ABOUT ME

Experienced Software Engineer with a demonstrated history developing applications, and delivering cutting-edge solutions. Well equipped to tackle new challenges and contribute to the success of any project.

EDUCATION

2006 - 2012 • **Bachelor's Degree in Software Engineering.** Universidad Tecnológica de La Habana

- OOP
- Data Structure
- Web Programming
- Software Engineering
- Artificial Intelligence
- Database
- Computer Architecture
- Computer Network
- Software Security
- DevOps

Academic Award for 1st place at a Data Structure Competition

Academic Award for 2nd place at the ACM ICPC Nacional Programming Contest in 2009

Collaborating student in the Complex Integrated Technological Research for four years

EXPERIENCE

2012 - Now Tecso Solutions - Senior Full Stack Developer

During my self-employment i founded Tecso Solutions and have independently designed, developed, and deployed complete software solutions like:

Travel SaaS Web (<https://travelify.us>)

- Developed a modern, responsive website for flights bookings and yacht rentals using React, Typescript, NodeJS, Express, SocketIO, MongoDB, AWS, Stripe, GIT, Heroku and more.
- Implemented custom algorithms to handle raw data and perform graph searches for flight connections.
- Ensured strong security measures were implemented on both frontend and backend.
- Multi-language support, Email hosting and delivery with setup of SPF, DKIM, DMARC. And many other features.

Mobile Repair Web (<https://cellunlock.us>)

- Created a versatile and fast website for managing mobile phone repair services using React, TypeScript, NodeJS, Express, MongoDB, AWS, OAuth2, API Rest, Coinbase Commerce, PayPal, GIT, Heroku, among others.
- Implemented innovative solutions, including an auto payment system for Transfermovil, the only one existing so far, improving user experience, gaining users and increasing earnings.
- Developed custom algorithms to search for services from various providers, offering always the best prices to users.
- Multi-language support. Email hosting and delivery with setup of SPF, DKIM, DMARC, among other features.

Tecso Solutions Web (<https://tecso.tech>)

- Developed a website to showcase services using React, NextJS, MongoDB, and JavaScript.
- Handled deployment to Vercel using GIT and configured domain name server.

Mobile Topup Web

- Built a real time website for mobile top-ups using React, NodeJS, Express, SocketIO, MongoDB, and Stripe.
- Developed a dynamic provider creation feature to offer multiple services seamlessly, regardless of what kind of API they used.

TECHNICAL SKILLS

ReactJS	MongoDB
NodeJS	AWS
NextJS	Docker
ExpressJS	Microservices
Redux	PHP
Typescript	Swift
React Native	Objective-C
Socket.io	Stripe
Tailwindcss	Git
Firebase	API Rest
GraphQL	Agile
MySQL	...and more

SOFT SKILLS

Problem solving
Technical expertise
Continuous learning
Attention to details
Collaborative

CONTACT

Email	tecsobs@gmail.com
LinkedIn	linkedin.com/in/albert-s
Portfolio	https://asosa.dev

2012 - Now Tecso Solutions - iOS | Backend Developer | DevOps

CallerID iOS App

<https://apps.apple.com/us/app/callerid/id1209793304>

- Developed a unique iOS application to identify unknown callers in Cuba using Swift, Objective-C, and NextJS on the backend.
- Implemented custom algorithms and a special design to work without an internet connection and optimized for low memory constraints.
- Provided additional services like directory search, internet account manager, balance transfer, and more.
- Managed backend development and deployment too, as well as the submission to the App Store.

CubaTiempo iOS App

<https://apps.apple.com/us/app/cubatiempo/id1201341509>

- Created an iOS application in Objective-C and PHP on the backend to provide updated weather information to users in Cuba with no internet access.
- Developed a unique solution using email communication to exchange data and provide weather updates with satellite images.
- Ensured seamless functionality even in challenging times during hurricanes and storms.
- Managed backend development and deployment too, as well as the submission to the App Store.

Topup iOS App

<https://apps.apple.com/us/app/topup/id1441833293>

- Developed an iOS application in Swift and PHP on the backend to offer mobile top-ups.
- Implemented features for easy and secure mobile top-up transactions.

2012 - 2014 Universidad Tecnológica de La Habana Full Stack Development | C# Development

- Led a small team in creating web applications, C# applications, and custom solutions.
- Developed solutions such as SweetHome 3D Viewer and other innovative applications.
- Collaborated closely with team members to ensure project success and timely delivery.
- Conducted research and implemented cutting-edge technologies to enhance software development processes.

2011 - 2012 Spissa Software Solutions - iOS | Game Developer

- Collaborated in a development group to create a video game using Coco2d and Objective-C.
- Contributed to the design and development of various aspects of the game.