

# Matthew Guillen Bogantes

## Full-Stack Engineer

Costa Rica, Alajuela • [mvttheo@outlook.com](mailto:mvttheo@outlook.com) • +506 86472258 • [matthewvogas.com](http://matthewvogas.com) • [LinkedIn](#)

### Relevant Experience

#### Full-Stack Engineer Sept. 2022 – Jun. 2024

- Developed a **comprehensive front-end with robust state management and implemented testing and composition patterns** of a platform to connect influencers and companies.
- Created and enhanced functionalities to improve product search **using UI/UX design strategies**, subsequently developing these features in a company that connects farmers with businesses in New Hampshire, USA.
- Implemented **security practices at client and server levels** of various services built with React and .Net in various versions for a leading company in Costa Rica.

#### *ACHIEVEMENTS IN SELECTED PROJECTS*

- **Product launch for companies and Social Media Influencers**
  - Built a high-performance application using React and Next.js, integrating third-party **APIs (TikTok, Instagram, Facebook)** to enhance social media functionality.
  - Created an application **flow that saved 30 hours per marketing campaign**.
  - Achieved a **10x increase in monthly return on investment (ROI)** through creation application features.
  - Programmed reusable and scalable components using Storybook and XState in a Server-Side Rendering (SSR) app.
  - Deployed applications to production environments leveraging Terraform, Amazon EC2, RDS, Load Balancer, S3, and Route 53, achieving robust and scalable infrastructure.
- **Update and security measures for Legacy Sites / And Creation of New Sites**
  - **Security:** Implementation of security measures on both the client and server side, reducing vulnerabilities by **96%**
  - **Higher profits:** Creation of electronic billing API for charging electric vehicles for a leading electricity company in Costa Rica, thus allowing the sale of vehicular electricity.

#### Full-Stack Engineer Oct. 2021 - Sept 2022

- Creation of personal startup
- Search and creation of projects for personal clients.

#### *ACHIEVEMENTS IN SELECTED PROJECTS*

- **Founded a Startup of funds through cryptocurrencies donations at my 17yo.**
  - Monthly Recurring Revenue of **\$4000 for 2 months**. I received **2** venture capital investment proposals.
  - Stacked the app on WordPress, PHP as JavaScript.
- **Design, Develop and Deploy webs for direct clients.**
  - Creation of the website for [Cavernas del venado](#), increasing **visitors by 380% and sales by 40%**.

### Education

- Bachelor's degree in software development San Marcos University – 2024, Current
- Y Combinator Startup School - 2024
- Medium Technician in Software Development in High School - 2022

### Skills

- JavaScript, TypeScript, React, Vue, Storybook, Zustand, Redux, Sass, Less, SSR, CSR, State Management, Design Patterns, Figma and others frontend tools.
- Node, Express, dotnet, Next.js, Prisma, PostgreSQL, GraphQL, Laravel and others backend tools