

# FREDDY MICHELENA

## FULL STACK DEVELOPER

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Portfolio: [portfolio-freddy-michelenas-projects.vercel.app/](https://portfolio-freddy-michelenas-projects.vercel.app/)

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## PROFESSIONAL PROFILE

I am a Mechanical Engineer with almost 3 years of experience as a full stack developer, specialized in frontend and backend technologies. I stand out for my skills in developing scalable, efficient and high-performance solutions. My ability to solve complex problems, my ability to collaborate effectively in interdisciplinary teams, attention to detail and my results-oriented approach make me an excellent choice to contribute to the growth and success of the company, and to the satisfaction of customers and users.

## TECHNOLOGIES

### Languages

- JavaScript / TypeScript (TS)
- Java
- C#

### Frontend / Mobile / Game:

- HTML
- CSS
- SASS
- Bootstrap
- Tailwind CSS
- React
- Next.js
- Angular
- React Native
- Redux
- Material UI
- Unity
- Windows Presentation Foundation (WPF) .NET

### Backend

- Node.js
- Express.js
- Spring Boot
- NestJS
- GraphQL

### Relational (SQL) and non-relational (NoSQL) databases

- MongoDB
- MySQL
- PostgreSQL

### Others

- Firebase
- Git y Github
- Postman
- Clean Code and SOLID principles

## PROFESSIONAL EXPERIENCE

### Desarrollador Full Stack Semi Senior

Tutenlabs (may 2022 - january 2024)

International SaaS company with multiple platforms that connect consumers with service providers.

### Responsabilities:

- Developing user interfaces and new features for web applications using React, AngularJS, JavaScript, TypeScript, Node.js, Java (Spring Boot), Liquibase, and PostgreSQL.
- Developing and consuming REST APIs and microservices.
- Migrating legacy code to microfrontends using React and Webpack.
- Executing quality assurance (QA) test plans for new features.
- Performing code reviews for other team members' developments.
- Implementing unit testing and verification using SonarQube.
- Application of Agile Scrum methodology for the delivery of developments.

**Outstanding achievement:** I designed and developed a complex notification functionality for a client in record time, completing it in less than 35% of the deadline. My focus, effective communication and effort were key to successfully accomplishing this goal.

**Personal initiative:** I launched a Notion Wiki for the team, where I shared good programming practices, Git standards, and relevant documentation. This initiative was instrumental in supporting and improving collaboration within the development team.

## Design tools

- Figma
- Adobe Photoshop

## What I'm learning

- Docker

## EDUCATION

### Mechanical Engineer

April 2016

Universidad José Antonio Páez  
Carabobo, Venezuela

### Bachelor of Science

July 2009

U. E. Atanasio Girardot  
Carabobo, Venezuela

## LANGUAGES

**Spanish:** Native

**English:** EF SET C1  
(Reading and verbal  
comprehension)

Certificate:  
[efset.org/cert/gvNHBb](https://efset.org/cert/gvNHBb)

## Líder Técnico / Desarrollador Full Stack

*Intelix Synergy (december 2021 – may 2022)*

Company specialized in the development of customized software solutions for clients.

### Responsibilities:

- Development of user interfaces, REST APIs and microservices for new projects. Technologies used: JavaScript, TypeScript, React, Node.js, Java, MySQL and DB2.
- Making time estimates using Gantt charts.
- Assignment management using Kanban methodology, using the Trello platform.
- Maintenance and updating of existing software to ensure its optimal functionality.

**Outstanding achievement:** I successfully identified and resolved a critical issue in the vehicle identification number generation software for an automotive client, avoiding the delivery of a defective product. This solution was achieved through a detailed review of the client's original requirements, demonstrating my meticulous attention to detail and commitment to excellence in product quality.

## PERSONAL PROJECTS

### 1) FINTECH DASHBOARD [ [In portfolio](#) | [Code](#) | [Live](#) ]

Dashboard designed for small and medium-sized retail companies, with a role system that adapts the functionalities according to the user. **Tech stack:** React, Bootstrap, Node.js, MySQL, JSON Web Token (JWT) for authentication.

### 2) STATS FOR STRAVA [ [In portfolio](#) | [Code](#) | [Live](#) ]

Web platform to consult detailed statistics of activities recorded in the Strava application.

**Tech stack:** Angular, SASS, Strava's API REST.

### 3) DISCOVER MOVIE [ [In portfolio](#) | [Code](#) | [Live](#) ]

Movie search platform that offers personalized recommendations based on user interests.

**Tech stack:** Angular, Bootstrap, API REST de TMDb, Firebase (auth and database), Firebase Realtime Database (Likes feature).

### 4) MARVEL CLON [ [In portfolio](#) | [Code](#) | [Live](#) ]

Clone of the official Marvel website, with a focus on replicating its home page.

**Tech stack:** HTML, SASS, JavaScript.

### 5) MINESWEEPER MASTER [ [In portfolio](#) | [Play Store](#) ]

Classic minesweeper game with customizable features. **Tech stack:** C#, Unity.