**Di Carlo Martinez**

**Software Engineer**

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I am deeply passionate about leveraging cutting-edge work tools and collaborating with diverse teams to efficiently achieve ambitious goals, while continuously acquiring and refining my skills. Each challenge presents a valuable opportunity for professional growth, and I am committed to maximizing my potential and driving success.

**Skills\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* PHP | Laravel | PHPUnit | Pest | JavaScript | TypeScript | React | Redux (Toolkit, Saga & Thunk) | Material UI | Jest | React Testing Library | Node.js | Selenium | Pytest | Java | C/C++ | C# | Python | Ruby | Ruby on Rails
* MySQL | DynamoDB | TDD | Unit Testing | CircleCI | Linux | Docker
* Front-end | Back-end | Full-stack | Scrum | End-to-end automation testing
* English | Spanish
* Learning ASP.NET Core

**Experience\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**SchoolMint** *Lafayette, LA, USA*

*Software Engineer Jun 2022 – Current*

Full-Stack Software Development and Support in EdTech SaaS Applications

* Provided support throughout all phases of software development in the life cycle of EdTech SaaS applications.
* Conducted comprehensive testing of system software to ensure accurate functionality in alignment with specified requirements.
* Collaborated with the development team to debug and characterize defects, offering detailed descriptions and proposing effective solutions.
* Automated and maintained end-to-end tests to streamline testing processes and ensure consistent system performance.
* Led the refactoring of the automation suite, enhancing its efficiency and maintainability. Implemented a new architecture using vertical slicing, optimizing the application's structure and organization.
* Refactored the base code to streamline the creation of services, API requests, and testing, reducing effort and improving maintainability.
* Wrote and tested high-quality software code, adhering to coding standards and best practices.
* Assumed other software engineering duties as assigned, contributing to the overall success of the development process.

Tools: Docker · DynamoDB · Linux · Ruby · Ruby on Rails · Scrum · Git · GitHub · PHP · Laravel · MySQL · React · Redux (Toolkit & Saga) · JavaScript · Material UI · DynamoDB · Python · Selenium · Pytest · Jest · React Testing Library · PHPUnit

**Municipality of San Pablo** *Heredia, Costa Rica*

*Associate Software Engineer Jan 2021 – Jun 2022*

Implementation of a Full Stack Budget Administration System

* Designed and implemented the system's architecture, ensuring scalability, performance, and maintainability.
* Implemented efficient database administration practices to optimize data storage and retrieval, enhancing system performance.
* Developed a robust web-based application with a responsive user interface, providing users with a seamless experience.
* Collaborated with cross-functional teams, including stakeholders and developers, to gather requirements and ensure alignment with business needs.
* Conducted thorough testing and debugging to identify and resolve issues, ensuring a reliable and error-free application.

Tools: Java · Hibernate · jQuery · HTML5 · Scrum · Git · GitHub · JavaScript · CSS · MySQL · Bootstrap

**Education\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Bachelor of Information Systems Engineering -** *Graduation: Dec 2023**Heredia, Costa Rica*

National University of Costa Rica

**Diploma of Computer Applications Programming** *Heredia, Costa Rica*

National University of Costa Rica

**Projects\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Boogle:** Books Search Engine (API & Frontend) ([GitHub](https://github.com/dicarlomtz/books-be)) **Cine-YEMADI:** Cinema Management (API & Frontend) ([GitHub](https://github.com/dicarlomtz/CINE-YEMADI))

**Kidsgramming:** Courses Management (API & Frontend) ([GitHub](https://github.com/dicarlomtz/kidsgramming)) **FreeCourses**: Courses Management (API & Frontend) ([GitHub](https://github.com/dicarlomtz/CursosLibres))

**Shortify**: URL Shortener (API & Frontend) ([GitHub](https://github.com/dicarlomtz/shortify-be)) **Restaurant**: Restaurant Management (API & Frontend) ([GitHub](https://github.com/dicarlomtz/Restaurant))

**Certifications\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Scrum Fundamentals Certified (SFC)** May 2022

SCRUMstudy - Accreditation Body for Scrum and Agile

**Others\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Hobbies:** Body builder | Big time learner |Traveling.

**Soft Skills:** Open Mindedness | Problem Solving | Communication | Quick Learning | Teamwork.