Alejandro Padilla

Full Stack Developer

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Personal Details:
15/08/2002 ▪ Bogota ▪ Colombian
Male ▪ Single

Future-focused professional with distinguished track record of empowering organisations by offering innovative software development solutions, transforming multi-faceted processes, and enriching customer experience. Instrumental in taking ownership of procedures from inception to execution, translating core customer requirements into feasible solution development roadmaps and embracing new technologies across fast-paced work streams. Adept at prioritising and delivering features in iterative sprints as well as creating robust and scalable applications that meet the needs of the business. Well-versed in establishing visually appealing user interfaces, producing high-quality code and ensuring code maintainability and reusability. Excel at accelerating project timelines, reducing bugs/issues, and revamping and upgrading corporate applications. Skilled in establishing secure and scalable infrastructures, and deploying feature-rich applications for iOS and Android platforms.

Area of Expertise

- Mobile Frameworks & API Development
- Front-end & Concept Development
- Diagnostics & Troubleshooting
- Databases & Data Management

- Mobile App Development
- Code Writing & Scalability
- Continuous Process Improvement
- Integration & Deployment

- Software Development & Lifecycle
- Application Security & Analysis
- Process Optimisation
- User Satisfaction & Retention

Technical Proficiencies

Tools/Technologies: Scrum, Javascript, HTML, CSS, TailwindCSS, PHP, SASS, TypeScript, ReactJs, VueJs, NodeJs, ExpressJs, NextJs, Redux, Material UI, Styled components, Bootstrap, WordPress, Woocommerce, Shopify, Laravel, API, REST API, MySQL, GraphQL, MongoDB, PostgreSQL, FireBase, Supabase, Flutter, React Native, Strapi, AWS, Git, Github, Azure DevOps, Google Cloud, Mongo Atlas.

Career Experience

Full-Stack Developer & Mobile Applications Developer, Esloogan Agency, Madrid, Spain (Remote)   **Oct 2021 – Present**

Design responsive web applications, ensuring seamless cross-platform compatibility and delivering optimal performance for an enhanced user experience. Develop and deploy feature-rich applications for iOS and Android platforms, providing users with exceptional digital experiences and access to advanced functionalities. Collaborate closely with both the development team and clients to gain a thorough understanding of customer needs.

- Created and employed approximately 9 custom plugins for WordPress, catering to the specific requirements of clients in the e-commerce sector as well as enhancing website functionality.
- Streamlined e-commerce operations, and boosted user experience by designing and creating plugins, leading to improved website functionality, integrated payment systems, facilitating continuous product imports with attributes from other platforms, enabling efficient inventory management, and optimising SEO.
- **Delivergoo App | Jan – April 2023:** Developed a robust Multi-Restaurant Application System encompassing three distinct applications: a delivery driver app, a customer app (with web version), and a dedicated app for restaurants, along with admin and restaurant panels. Designed and implemented an engaging React landing page to showcase the platform's features and benefits, providing an intuitive interface for visitors to explore. Implemented a comprehensive solution, including a React landing page, to provide a highly efficient and customisable platform for multiple restaurants, resulting in an enhanced experience for delivery drivers, customers, and restaurant owners.
  - o Delivery driver app incorporates real-time tracking functionality, enabling continuous monitoring of driver locations.
  - o Customer app delivers intuitive ordering experience, access to promotions, and seamless integration with web version.
  - o Restaurant app and admin panel empower businesses to manage general settings and customise specific options for each restaurant.
- **CUVO Streaming App | Mar - May 2023:** Established an advertising campaign application, enabling random playback of diverse promotional content, all displaying the company's logo, on an Android TV device. Facilitated seamless management of users and campaigns through a synchronised panel connected to Google Drive.
  - o The application streamlined advertising efforts, ensuring efficient dissemination of promotional texts and captivating content to target audiences.

Full-Stack Developer & Mobile Applications Developer, Miami SD, Miami, FL (Remote)   **Jan 2023 – Present**

Develop and implement innovative solutions and enhancements for mobile applications, elevating user experience and improving customer satisfaction. Conduct in-depth testing and debugging of software applications, certifying the delivery of reliable, secure, and scalable solutions.

- **Factory Play App| April 2023 - Present:** Formulated a subscription-based on-demand streaming application, offering users access to an extensive library of series, movies, and videos. Spearheaded the integration with XtreamCode X, a robust content management and streaming platform, to facilitate seamless content delivery. Engineered an intuitive administration panel to efficiently manage users, permissions, and content.
  - Maximised the entertainment experience for subscribers and streamlined content management processes, contributing to the application's success in delivering high-quality video content.
  - Conceptualised and developed the backend, executing a secure user authentication system, and establishing a smooth communication channel between the frontend and backend, connecting to the XtreamCode panel.

- **Terra Gallery App| June 2023 - Present:** Designed a custom mobile application for Instituto Terra in Argentina, available on iOS and Android platforms, with a primary focus on providing users with a comprehensive catalogue of grains, complete with detailed information about each variety. Employed a custom content management system using Strapi and Node.js, enabling dynamic and efficient loading of the image gallery and associated grain categories.
  - Ensured users can easily explore and search for grains, accessing up-to-date and accurate information.
  - The app prioritises user security and privacy by incorporating a registration and login system with JWT authentication, allowing users to create accounts, save favourite grains, leave comments, and share information securely with other users.

- **Project Trading App | April - June 2023:** Led multiple key responsibilities to elevate application's performance and user experience. Revamped front end, ensuring visually appealing and intuitive interface. Developed a robust RESTful API using Node.js and Strapi, streamlining order and user management with seamless data communication across components.
  - Pioneered an advanced chat feature, encompassing image sharing, push notifications, and video calling, enriching user interaction and providing a comprehensive user experience.

Freelance, Full-Stack Developer & Mobile Applications Developer, Workana LLC, Madrid, Spain   **Jan 2023 – Present**

Execute and sustain best practices for software development, including code reviews, version control, and documentation, to guarantee code quality and maintainability. Coordinate with product owners and stakeholders to gather and translate business requirements into technical specifications, validating alignment between business objectives and technical solutions.

- **Personal Loans Quote Calculator | May 2023 - Present:** Created a versatile personal loans calculator, delivering visual output on the screen and generating reports in both PDF and JPG formats. Empowered individuals to estimate expenses accurately in the city of Panama. Designed with flexibility, the calculator allows users to tailor the preferred financial institution for loan requests and adjust essential parameters for precise calculations.
  - Improved financial planning experience and amplified overall financial well-being by executing user-friendly personal loans calculator, simplifying the loan estimation process and empowering users to make informed financial decisions.

- **Transport Management System | April – June 2023:** Revamped internal logistics, efficiently managed vehicle fleet, tracked contracts, maintenance, quotations, and more using SGTE (Sistema de Gestión de Transporte Empresarial), a technological solution developed for a transportation company in Santa Marta. Generated dynamic PDF reports, personalised letters, and automated email alerts for improved communication and documentation.
  - Enhanced operational efficiency, optimised resource utilisation, and cost savings.
  - Monitored fleet in real-time, optimised routes, and made informed decisions based on accurate data.
  - Positioned the company as a leader in the industry with efficient operations and superior transportation services.

- **Mito-Efectivo App | May 2023:** Created powerful personal finance management application tailored for individuals in Costa Rica, enabling persons to effortlessly track income and expenses while exerting disciplined control over financial well-being.

- **E-Learning Platform | Aug – Nov 2022:** Established RregAcademy, an interactive online course platform with personalised online exams, catered to school students. Applied an administration panel to facilitate easy management of active courses and modules, providing seamless content updates.
  - The platform empowers educators to create and design customised exams, tailoring the learning experience to each student's unique needs, and fostering a personalised and effective educational journey for all users.

- **Colombianfixers | Feb – July 2021:** Built an interactive landing page for a Colombian fixer photographer, seamlessly integrated with a content management system (Sanity CMS) for real-time content modifications. The streamlined platform enables the photographer to effortlessly update and showcase portfolio, services, and latest work, providing visitors with a dynamic and engaging experience.
  - The user-friendly landing page effectively promotes the photographer's services, enhancing online visibility and attracting potential clients with fresh and captivating content.

- **Chrome Extension | June – Aug 2020:** Implemented an automated system for the search and download of Electronic Billing Files from SRI (Mexico). The system efficiently retrieves electronic billing data, streamlining the process and ensuring accurate and timely file downloads, improving the overall billing management workflow.

Education

Mechatronics Engineering, Universidad Militar Nueva Granada, Bogota, Colombia | In-progress