Carlos Pino

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Caracas, Venezuela (Bolivarian Republic of)

PROFESSIONAL SUMMARY

Full Stack Developer with over 7 years of experience building web and mobile applications. Specializing in modern technologies like React, Next.js, Node.js, and React Native. Extensive knowledge of software architecture, API integration, SQL and NoSQL databases, and cloud deployment. Skilled in developing scalable platforms, secure authentication systems, complex state management, and performance optimization. Focused on writing clean, maintainable code while applying best development practices; experienced in technical leadership, teamwork, and agile methodologies like Scrum and Kanban. Passionate about innovation, continuous improvement, and building efficient, user-centric solutions.

WORK EXPERIENCE

Full Stack Web3 Developer   Mar 2023 - Present
Brillion • Utrecht, Netherlands

- Led the development of version 2.0 of the Brillion App, enhancing performance and scalability, resulting in increased user engagement.
- Architected application structure in collaboration with the executive team, aligning technical solutions with business objectives.
- Developed responsive and dynamic UI components using React and Tailwind CSS, improving user experience across devices.
- Engineered robust API endpoints and integrated SDK functionalities, reducing data retrieval times.
- Implemented a custom Wagmi connector for Web3Auth, streamlining authentication processes and enhancing security.
- Proposed and executed solutions to improve application stability, achieving a reduction in system downtimes.
- Spearheaded end-to-end testing initiatives using Playwright, increasing test coverage, and ensuring product reliability.

Full Stack Web3 Developer   Aug 2022 - Mar 2023
ComPilot • Utrecht, Netherlands

- Developed core protocol components using Cairo for StarkNet.
- Engineered efficient methods for translating Solidity smart contracts into Cairo, facilitating seamless interoperability between Ethereum and StarkNet ecosystems.
- Collaborated on the development of new Solidity standards, enhancing smart contract functionality and security within the Nexera ecosystem.
- Created interactive demos showcasing Smart Wallet implementations, aiding in stakeholder engagement and product demonstrations.
- Integrated Nexera's KYC solution into the NexeraID application, improving user verification processes and compliance measures.

- Participated in the optimization and transition of NexeraID's infrastructure to the Brillion Wallet platform, enhancing system performance and scalability.

Full Stack Blockchain Developer   Oct 2021 - Aug 2022
CUB3 Inc. • London, United Kingdom

- Managed and delegated tasks within the blockchain development team, ensuring timely delivery and alignment with project goals.
- Defined system architecture and business logic using UML diagrams, facilitating clear communication among stakeholders.
- Developed both front-end and back-end components for an application that displays NFTs earned by end-users, enhancing user engagement.
- Optimized the deployment process for over 10,000 NFTs on the Solana network, improving efficiency and scalability.
- Enhanced file upload and download processes in IPFS using Pinata, resulting in faster data retrieval and storage.
- Designed and implemented a decentralized marketplace using Solidity, enabling secure and transparent transactions.

Full Stack Developer   Feb 2020 - Oct 2021
EYSS • Caracas, Venezuela (Bolivarian Republic of)

- Developed user interfaces and components for a blockchain-based crowdfunding platform, enhancing user engagement and accessibility.
- Designed and tested smart contracts in Solidity, ensuring secure and efficient transaction handling within the platform.
- Built and maintained UI components for various e-commerce websites, improving user experience and conversion rates.
- Developed RESTful APIs for a banking application, facilitating seamless integration between front-end interfaces and backend services.
- Created UI components for a medical application, focusing on user-friendly design and compliance with healthcare standards.
- Developed multiple responsive landing pages, contributing to increased web traffic and lead generation.
- Optimized website performance and SEO, resulting in faster load times and improved search engine rankings.

Full Stack Developer   Feb 2018 - Jan 2020
Freelance • Caracas, Venezuela (Bolivarian Republic of)

- Developed both the API and front-end components of a study management application, ensuring seamless user interaction and data processing.
- Engineered multiple marketplaces and e-commerce platforms, integrating various payment gateways and administrative panels to enhance user experience and operational efficiency.
- Implemented smart contracts adhering to ERC20, ERC721, and ERC1155 standards, facilitating secure and efficient blockchain transactions.
- Created custom WordPress plugins to establish connectivity with blockchain networks, expanding the platform's capabilities.
- Developed an application utilizing Google OCR technology to analyze invoices, streamlining document processing tasks.

- Conducted regular maintenance and audits of diverse websites, ensuring optimal performance and security compliance.
- Optimized website performance and search engine visibility through strategic enhancements, leading to improved web positioning.
- Provided support and maintenance for CentOS and Ubuntu servers, ensuring system reliability and uptime.

Systems Teaching Assistant Sep 2017 - Oct 2024
Universidad Central de Venezuela • Caracas, Venezuela (Bolivarian Republic of)

- Developed both front-end and back-end components for a technical support administration application, streamlining equipment maintenance processes within the faculty.
- Designed and implemented a classroom management system, facilitating efficient scheduling and resource allocation.
- Created a resource and task management application for the university laboratory, enhancing project tracking and team collaboration.
- Built a course publication platform integrated with a payment gateway, enabling seamless enrollment and payment processing for students.
- Developed informative websites for the Faculty of Sciences, providing accessible information to students and staff.
- Managed hosting services and performed regular maintenance to ensure website reliability and performance.
- Provided ongoing support and updates for existing faculty websites, maintaining content accuracy and system functionality.

EDUCATION

Specialization in Information Systems Mar 2025 - Present
Central University of Venezuela • Caracas, Venezuela (Bolivarian Republic of)

- Application development using artificial intelligence-based techniques.

Computer science (Bachelor's degree) Oct 2015 - Dec 2024
Central University of Venezuela • Caracas, Venezuela (Bolivarian Republic of)

- Mention Applications in Internet Technologies.

SKILLS

- Programming Languages: JavaScript (ES6+), TypeScript, Python, PHP, Solidity, C#, C++, HTML5, CSS3.
- Frameworks & Libraries: React.js, Next.js, Vue.js, Angular, Node.js, Express.js, Laravel, React Native, Tailwind CSS, SASS, Prisma.
- Testing & Debugging: Playwright, Jest, Cypress, Slither.
- API Development & Tools: RESTful APIs, GraphQL, Swagger, TRPC, Zod, Ethers.js, Wagmi.
- Databases: MongoDB, MySQL, PostgreSQL.
- DevOps & Cloud Services: AWS, Firebase, Vercel, GitHub, Notion.
- Content Management Systems: WordPress.

- Mobile & Cross-Platform Development: React Native, Ionic.
- Other Tools: Android Studio, Hardhat.