

Jesus Perez Arias

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EXPERIENCE

FullStack Developer

Superior Press

March 2024 - Present, Santa Fe Springs, CA

- Created multiple landing pages and components through .NET/NET Core with test unit integration, A/B testing for enhanced UI/UX, resulting in a 20% revenue increase for the company's E-Commerce site.
- Constructed comprehensive internal documentation utilizing Next.js and React.js integrated with an MCP server query tool, empowering rapid information retrieval via an LLM-enabled search, saving 10 hours weekly for the team.
- Designed and implemented adjacent e-commerce web applications using Shopify Themes and Apps to support organizational growth objectives and facilitate increased outreach through SEO by 40 percent visibility.
- Developed, tested, and reported on code using agile/waterfall methodologies such as Azure DevOps with the development team to ensure on-time and high-quality bi-weekly production pushes.
- Delivered modern user interfaces and experiences, optimizing infrastructure through SQL, Nuget, C#, jQuery, JavaScript, and CSS styling to streamline high-quality pipelines and save the company time by a multitude of hours.

Software Engineer Intern

SUDO, Army Lab Corporation

August 2022 - May 2023, Los Angeles, CA

- Collaborated with eight engineers to modernize an audio-visual detection drone software for military and civilian applications and rewrote the entire codebase for modern data and high-end speed runtimes.
- Integrated Python-based automation modules to ensure seamless transition from existing legacy systems, and decreased latency by 10 percent.
- Pioneered the development of a GUI component for combat personnel, eliminating the need to view underlying code in real-time, optimizing user experience, and increasing operational efficiency by 40 percent.
- Prepared and delivered well-detailed software documentation for current and future onboarding engineers.

Front End Software Engineer

CSULA, University Times

October 2019 - May 2023, Los Angeles, CA

- Refactored web application performance through efficient asset bundling and code splitting utilizing modern JavaScript frameworks, resulting in 35 percent less loading times site-wide.
 - Revamped backend server infrastructure using Node.js and PHP, streamlining data handling and improving system interoperability with front-end components.
 - Implemented accessibility standards and optimized front-end performance by integrating ARIA roles and semantic HTML, contributing to broader usability for individuals with diverse needs, bringing overall ADA compliance to 95 percent.
 - Enhanced website visibility up to 25 percent by coordinating cross-functional collaboration with content creators and deploying SEO strategies utilizing popular keywords, leveraging JavaScript and ReactJS.
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PROJECTS

Issue Tracker

issuetracker.jesusperez.dev · May 2025 - Present

- Engineered a full-stack issue tracking platform integrating TailwindCSS, ShadCN, and Next.js, aligning interface and backend efficiency with contemporary web standards, delivering 40 milliseconds of loading time on a good network.
 - Utilized TypeScript with Prisma ORM in developing an API layer that standardized data access between client components and SQL backend systems to cut latency by 20 seconds.
 - Deployed the database to PlanetScale and minimized server latency, integrated NextAuth.js to bolster the application's security and authentication, handled routing and secured full REST API with the backend, and bolstered asynchronous callbacks for enhanced user experience.
 - Ensuring code scalability and readability by providing users with a secure and reliable authentication mechanism to support future updates.
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EDUCATION

Bachelor of Science, Computer Science

California State University, Los Angeles · Los Angeles, CA · 2023

SKILLS

C#, ASP.NET, JavaScript, DevOps, Azure, MCP, LLM, ML, Jira, NextJS, ReactJS, Swift, Python, Node.js, C++, SQL, Git, Java, Data Science

Languages: English and Spanish
