

Lander Nunez

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TECHNICAL SKILLS

Programming Languages: Python, JavaScript, TypeScript, C, SQL, NoSQL

Front-End: React.js, Next.js, Redux Toolkit, HTML5, CSS3, Bootstrap, Tailwind CSS

Back-End: Django, Node.js, Express.js, PostgreSQL, MongoDB, REST API Development

System Design: Monoliths, Microservices, Domain-driven design, Message passing, Event sourcing

Testing/Deployment: Docker, Heroku, AWS: S3, Firebase

Developer Tools: Linux, Git, Vite, npm, Visual Studio, Vi/Vim, Postman

PROFESSIONAL EXPERIENCE

Gainwell Technologies | Software Engineer

Dec 2023 - Present

- Enhance system stability during Linux migration from 7.9 to 8.9 by optimizing legacy code in C, reducing 100+ code defects to zero.
- Overhaul data processing solution in C, enabling intelligent data updates while preserving historical data, improving functionality and efficiency for XML nodes.
- Monitor and resolve issues with automated batch job systems on Linux via MobaXterm (SSH) to ensure operational continuity for clients like Northrop Grumman, Deloitte, and Optum.
- Collaborate with the Technical Lead to resolve production issues, maintaining client communication and ensuring agile responsiveness to business needs.
- Execute data fixes with Oracle PL/SQL to ensure data integrity and support client systems and teams.
- Support development of Medicaid Management Information Systems (MMIS), managing data for 200+ employer groups, serving ~1.2 million policyholders (2.4 million total).

Digital TownSq | Full Stack Engineer Intern

June 2023 - Nov 2023

- Engineered a data-retrieval solution using Firebase and Next.js reducing daily read operations from 26k to 5.8k (448% improvement), fully eliminating server overload that caused downtime 2-3 days per week.
- Architected and implemented the code base from scratch leveraging Next.js, Node.js, Firebase, and News API.
- Migrated all databases to Firebase in collaboration with the mobile dev team, streamlining testing, saving engineering time, and reducing new feature implementation time.
- Created a new revenue stream for the company by executing a time-based feature using React for sponsors to place content at specific stories.
- Translated Figma designs into functional UI/UX features with Next.js.

Software Engineering Applications

Latino Website | latinowebste.com | *Full Stack E-Commerce Website showcasing latino owned businesses.*

- Migrated assets to AWS S3, improving scalability, performance, and security while streamlining image handling for React.
- Engineered Django REST API monolith with PostgreSQL and React, designing views, models, and key components.
- Conceptualized and designed UI in Figma, then engineered interactive components using React and styled with Tailwind CSS.

Yoovies | yoovies.com | *Full Stack Website for moviegoers to rate and review up-and-coming releases.*

- Launched three REST API microservices with Docker for horizontal scaling in deployment for Heroku.
- Developed secure authentication using JWT with Django, providing users with a personalized experience.
- Automated a CI/CD Pipeline with GitLab CI/CD for continued integration and version control.

EDUCATION

University of California, Irvine | *Bachelors of Science, Biological Sciences*