Andres Paulino

Senior Software Engineer

paulinoandresmiguel@gmail.com • 7862617832
www.github.com/andrespaulino

Career Experience

Bradesco Bank, Coral Gables   February 2023 — Present
Software Engineer - Lead

- Led full-stack development of enterprise Customer Onboarding System, architecting secure API integrations (JackHenry, Mulesoft, Synergy, DocuSign) while ensuring proper security and implementing Auth0 for access control
- Spearheaded performance optimization initiatives, implementing Redis caching and refactoring SQL queries, resulting in 40-second reduction in load times and 200% improvement in onboarding efficiency
- Managed multiple cross-functional development teams in designing and implementing internal systems using Next.js (React), PostgreSQL, and FastAPI, while establishing robust CI/CD pipelines and security scanning processes in GitLab
- Implemented comprehensive system documentation and conducted regular code reviews to maintain bank's security compliance and best practices are being met.

Nation Safe Drivers, Boca Raton   May 2022 — January 2023
Full Stack Software Engineer

- Architected and developed secure full-stack customer portal using React, PostgreSQL, Node.js and Express, implementing Auth0 and JWT authentication for enhanced security
- Enhanced application performance and security through implementation of rate limiters and optimized database queries, resulting in 42% increase in user engagement
- Collaborated with external teams to integrate third-party services while maintaining strict security protocols and documentation standards

Education

Diploma
BrainStation, January 2022

Florida International University, January 2015

Technical Proficiencies

Front-End / Back-End	TypeScript, React, Next.js, Redux, Angular, Node.js, Python, FastAPI, Flask, PHP
Database	PostgreSQL, MySQL, MS SQL, Redis, MongoDB
DevSecOps	AWS, Azure, Docker, Kubernetes, Auth0, JWT, Git, SOC2, GitLab CI/CD

Licenses & Certifications

Amazon Web Services Cloud Practitioner - # CNKC4TJ26NREQ294

Projects

CEREB[RM]

- Architected scalable full-stack trading application with emphasis on security and performance optimization
- Implemented Next.js frontend with Redux and Next Auth, featuring real-time data processing and secure authentication
- Designed high-performance backend architecture utilizing Redis, PostgreSQL, WebSockets, and Apache Kafka, achieving millisecond-level trade processing while maintaining strict security protocols

Sparkaplan

- Led development of AI-powered web application to automate teacher's lesson plans with focus on scalability
- Winner or 2023 A.I. Miami Hackathon (3rd place)
- Implemented comprehensive CI/CD pipeline with Docker containerization and deployment using AWS
- Integrated third-party APIs with proper authentication and error handling for robust system reliability