

Rodolfo Peinado Guerrero

Senior Full Stack Engineer | Web Technologies

📞 +12029708048 ✉️ rodolfoguerr@gmail.com 🔗 www.linkedin.com/in/rodolfo-guerrero-peinado
🌐 <https://rodolfoguerrero.vercel.app/> 📍 Calle 23# 68-89 Medellín

SUMMARY

Experienced and versatile senior full stack engineer with over 9 years of proven expertise in building high-performance, scalable, and user-centric web applications across diverse industries. Adept in both front-end and back-end development using modern technologies such as React, Vue, Angular, NodeJS, Python, Django, Golang, and cutting-edge AI/ML tools including LLM, RAG, and Langchain. Demonstrated ability to design robust and maintainable architectures, lead complex migration projects from monolithic to microservices, and deliver innovative AI-driven products that streamline deployment cycles. Strong background in cloud infrastructure management (AWS, Azure, GCP), DevOps practices, CI/CD automation, and database optimization with SQL and NoSQL solutions. Known for mentoring development teams, fostering collaborative environments, and consistently driving projects to successful completion within fast-paced Agile settings. Passionate about leveraging emerging technologies to create impactful solutions and improve overall engineering efficiency.

SKILLS

React	Python	JavaScript	HTML	Git
Next	Django	TypeScript	CSS	Docker
Vue	Golang	PHP	TailwindCSS	CI/CD
Nuxt	.Net	GraphQL	MaterialUI	Restful API

EXPERIENCE

Senior Full Stack Engineer

Flatworld Solutions

📅 05/2020 - 04/2025 📍 Princeton, United State

- Developed a new website for LMS using TypeScript, Next.js, React, MaterialUI, and TailwindCSS.
- Automated testing and E2E testing suites using Selenium, Cypress, and Jest.
- Built RESTful and GraphQL APIs for enterprise-level applications, enabling seamless communication across services.
- Migrated an existing Python project to Go to improve performance, scalability, and maintainability.
- Developed scalable and efficient microservices using Go (Golang) to enhance system modularity and performance.
- Delivered several AI products using LLM, RAG, Langchain, Pinecone, NLP, and DeepAI, streamlining deployment cycles.
- Built and deployed Docker/Kubernetes solutions for container orchestration, enhancing scalability and availability.

Full Stack Developer

DevCrew I/O

📅 04/2019 - 02/2020 📍 Singapore, Singapore

- Developed and customized WordPress websites, including a tour service site, with theme and plugin development.
 - Managed content, SEO, and site performance improvements within WordPress environments.
 - Built a B2B wholesale platform for a U.S. apparel client using WordPress and custom workflows.
 - Integrated third-party APIs and payment gateways into WordPress for enhanced functionality.
 - Collaborated with designers to improve UX/UI using WordPress-compatible tools and page builders.
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FullStack Developer

Appnovation Technologies

📅 04/2016 - 02/2019 📍 Hong Kong, Hong Kong

- Delivered robust backend systems with Python, Django and Golang across healthcare and finance sector.
 - Designed and implemented a management system for an online music service using Python.
 - Built the back-end with Python and a customized framework to provide the admin UI and a RESTful API for the streaming service.
 - Developed the front-end for the admin UI using React and TailwindCSS.
 - Developed a web app in the security field for Deloitte. The main technologies used include React, AWS Lambda, and Python.
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Frontend Developer

WestRoadSouth Limited

📅 02/2014 - 03/2016 📍 Hong Kong, Hong Kong SAR

- Assisted in frontend development using HTML, CSS, and JavaScript, contributing to ecommerce and CMS projects.
 - Ensured responsive and pixel perfect design and cross-browser compatibility across all devices.
 - Collaborated on debugging and resolving issues under mentorship from senior engineers.
 - Applied best practices in code readability, version control, and component reusability.
 - Participated in client meetings to gather requirements and refine UI/UX interactions.
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EDUCATION

Bachelor of Computer Science

Jiangnan University

📅 04/2009 - 12/2013 📍 Yuxi, China