

Rodolfo Peinado Guerrero

Senior Full Stack Engineer | Web Technologies

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🌐 <https://rodolfoguerrero.vercel.app/> 📍 Calle 23# 68-89 Medellín

SUMMARY

Experienced and versatile Senior Full Stack Engineer with over 9 years of proven success in building high-performance, scalable, and user-centric web applications across diverse industries. Proficient in both front-end and back-end development with deep expertise in React, Vue, Angular on the frontend and .NET (C#), ASP.NET Core, and Entity Framework on the backend. Skilled in designing robust and maintainable system architectures and leading complex migrations from monolithic systems to microservices. Strong knowledge of RESTful API design, secure authentication protocols, and performance optimization across the full stack. Experienced in cloud infrastructure management (Azure, AWS, GCP), DevOps workflows, CI/CD pipelines, and database design using both SQL Server and NoSQL solutions. Known for mentoring teams, fostering collaborative Agile environments, and consistently delivering high-quality solutions within tight deadlines. Passionate about leveraging modern technologies to solve real-world problems and drive engineering excellence.

SKILLS

React	C#	JavaScript	HTML	Git
Next	.Net	TypeScript	CSS	Docker
Vue	.Net Core	PHP	TailwindCSS	CI/CD
Nuxt	Blazor	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 and maintained RESTful and GraphQL APIs for enterprise-level applications using ASP.NET Core, enabling robust data exchange and integration across services.
- Migrated legacy monolithic modules to .NET microservices architecture, significantly improving system performance, scalability, and maintainability.
- Developed scalable backend systems using C# and .NET Core, optimizing performance and modularity through clean architecture and dependency injection.
- Deployed and managed containerized applications using Docker and Kubernetes, ensuring high availability and ease of deployment in cloud environments (Azure/AWS).

Full Stack Developer

DevCrew I/O

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

- Developed full stack features using React and ASP.NET Core for responsive, mobile-first, and web applications, ensuring seamless user experiences across platforms.
 - Built and maintained RESTful APIs and Azure Functions, integrating backend services with scalable, serverless architecture.
 - Implemented secure authentication and authorization layers using ASP.NET Identity, OAuth 2.0, and JWT tokens, supporting multi-provider login flows.
 - Enhanced UI/UX in close collaboration with designers, leveraging Tailwind CSS and Material UI for clean and consistent interface components.
 - Wrote comprehensive unit and integration tests using Cypress and Jest to maintain code quality, prevent regressions, and ensure production readiness.
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FullStack Developer

Appnovation Technologies

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

- Delivered robust backend systems using C# and ASP.NET Core across healthcare and finance sectors, ensuring high reliability and compliance with industry standards.
 - Designed and implemented a management system for an online music service using ASP.NET Core MVC and Entity Framework, streamlining content administration and user management.
 - Built backend APIs and admin interfaces with .NET Core to provide a secure RESTful API and administrative UI for the streaming platform.
 - Developed the front-end for the admin UI using React and Tailwind CSS, focusing on usability and responsive design.
 - Developed a security-focused web application for Deloitte, leveraging React, Azure Functions, and .NET Core, delivering scalable serverless solutions in the cloud environment.
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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