Rodolfo Peinado Guerrero

Senior Full Stack Engineer | Web Technologies

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SUMMARY

Full Stack Developer with over 8 years of experience in designing, developing, and optimizing high-performance web applications. Skilled in Python and Django technologies for backend development, and proficient in ReactJS, Next.js, Vue.js for front-end development. Experienced in building scalable, secure, and high-availability systems, integrating RESTful APIs, GraphQL, and CI/CD pipelines. Adept at solving complex technical challenges, improving application performance, and delivering seamless user experiences.

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   ⚲ Princeton, United State

- Designed and developed scalable web applications using React, Vue, and Angular on the frontend, and Django, FastAPI, Node.js, and Golang on the backend.
- Led migration of monolithic architecture to microservices using Golang and Spring Boot, improving maintainability.
- Delivered several AI products using LLM, RAG, Langchain, Pinecone, NLP, and DeepAI, streamlining deployment cycles.
- Built RESTful and GraphQL APIs for enterprise-level applications, enabling seamless communication across services.
- Integrated cloud infrastructure (AWS, Azure, GCP) to support scalable, secure deployments and optimized CI/CD pipelines using GitHub Actions and Terraform.
- Managed data models using SQL (PostgreSQL, MySQL) and NoSQL (MongoDB, Firebase), implementing performance optimizations and security protocols.
- Developed Shopify-based e-commerce platforms with Stripe integration and headless CMS.
- Built and deployed Docker/Kubernetes solutions for container orchestration, enhancing scalability and availability.
- Automated testing and E2E testing suites using Selenium, Cypress, and Jest.

- Mentored junior developers and contributed to improving team productivity and engineering culture.

Full Stack Developer
DevCrew I/O

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

- Developed full stack features using React, Express, and Firebase for mobile-first and web applications.
- Built and maintained RESTful APIs and serverless functions deployed on GCP.
- Implemented authentication and authorization layers using Firebase Auth and OAuth providers.
- Enhanced UX/UI in collaboration with designers using Tailwind CSS and Material UI.
- Wrote unit and integration tests with Mocha and Chai to ensure reliability and maintainability.

FullStack Developer
Appnovation Technologies

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

- Delivered robust backend systems with Django, Ruby on Rails, and Spring Boot across healthcare and finance sectors
- Developed SPAs using Angular and React, ensuring performance and accessibility compliance. Integrated third-party APIs and managed secure data pipelines across distributed systems
- Led backend optimization initiatives, reducing query response time and improving database indexing strategies
- Participated in regular sprint planning, retrospectives, and pair programming sessions

FullStack Developer
WestRoadSouth Limited

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

- Delivered robust backend systems with Django, Ruby on Rails, and Spring Boot across healthcare and finance sectors
- Developed SPAs using Angular and React, ensuring performance and accessibility compliance. Integrated third-party APIs and managed secure data pipelines across distributed systems
- Led backend optimization initiatives, reducing query response time and improving database indexing strategies

  Participated in regular sprint planning, retrospectives, and pair programming sessions

EDUCATION

Bachelor of Computer Science
Jiangnan University

📅 04/2009 - 12/2013   📍 Yuxi, China