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 ReactJS, Next.js, VueJS, and Angular.js for front-end development and proficient in Node.js, Express.js, Nest.js, Django, and Golang (Gin, Echo) for backend solutions. 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

| HTML | CSS | Javascript | Typescript | PHP | Python | Golang | CSS3 | Bootstrap |

| Material UI | Tailwind CSS | React.js | Next.js | Vue.js | Nuxt.js | Vite | Node.js | Nest.js |

| Express.js | Django | Gin | Echo | CMS | LMS | ERP | Front End | Back End | CI/CD |

| Grapiql | JWT | OAuth 2.0 | Restful API | Fast API | WebSockets | WebRTC | Docker |

| Kubernate | Devops |

EXPERIENCE

Senior Full Stack Engineer

DevCrew I/O

📅 06/2022   📍 Singapore, Singapore

- Developed a high-performance ERP system using React.js and Golang (Gin) , enabling businesses to automate workflows, manage inventory, and track financials, increasing operational efficiency by 40%
- Led the migration of a monolithic PHP (Laravel) system to a microservices-based Golang architecture, improving scalability and reducing system downtime by 50%
- Built a real-time order tracking system for a logistics company using FastAPI, WebSockets, and Redis, allowing customers to monitor shipments with sub-second latency
- Integrated GraphQL APIs into a SaaS platform, reducing client-server communication overhead and improving API response times by 35%
- Refactored a legacy Node.js application, optimizing database queries and enhancing caching strategies, leading to a 50% performance boost
- Developed an automated reporting module using Python and Pandas, streamlining analytics processing and reducing report generation time from hours to minutes
- Implemented OAuth 2.0 and JWT authentication, reinforcing platform security and reducing unauthorized access attempts by 60%

EXPERIENCE

Full Stack Engineer

Dood

📅 02/2019 - 04/2022   📍 Hong Kong, Hong Kong

- Designed and developed a Learning Management System (LMS) using Django and React.js, automating course enrollment, progress tracking, and certification issuance, increasing student engagement by 30%
- Created a financial dashboard for a fintech startup using Golang (Echo) and Vue.js, allowing users to track transactions, analyze spending trends, and receive AI-powered financial recommendations
- Developed a multi-vendor e-commerce platform using Node.js (Nest.js) and PostgreSQL, enabling third-party sellers to list products, process orders, and manage inventory seamlessly
- Integrated a subscription-based payment system with Stripe and PayPal APIs, ensuring secure transactions and increasing revenue by 25%
- Optimized backend performance by refactoring Django ORM queries, reducing API response times by 45% and database load by 30%
- Built a role-based access control system using FastAPI and JWT, enhancing data security and ensuring compliance with GDPR regulations
- Migrated a PHP-based application to Golang, reducing maintenance costs and improving request processing speed by 2.5x

Junior Front End Developer

West Road South

📅 02/2014 - 12/2018   📍 West Road South

- Learned and utilized an in-house CMS to create websites
- Converted PSDs to HTML for back-end developers to implement using the CMS
- Built responsive EDMs to be deployed via Campaign Monitor
- Collaborated with back-end developers to solve issues with creating the website after providing them with the HTML
- Transformed the website to a minimal and clean design using HTML, CSS and Bootstrap
- Improved the design to be responsive across devices using media-query to meet the client's needs
- Updated the website to be more active by implementing various animations using Javascript
- Managed contractors to ensure they created quality work with good code, matching the design requirements
- Worked with universities, financial institutions, and other big clients like Rheem water heater manufacturer, Wattyl paint manufacturer, and Bottlemart retail alcohol distributor

EDUCATION

Bachelor of Computer Science

Jiangnan University

📅 04/2009 - 12/2013   📍 Yuxi, China