Raymond Perez - Senior Software Engineer

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Professional Summary

- Senior Software Engineer (15+ years); products serving millions of users
- Full-stack: TypeScript, Node.js, Laravel, React
- AWS architecture: ECS, Lambda, Terraform; TDD and observability-first
- Led AI tooling and platform migrations; mentored teams across 100+ repos
- CI/CD: reduced deployment times by 30%
- Scale: systems supporting 600k+ daily visitors

Skills

TypeScript, Node.js, Laravel, AWS, System Architecture, React, AI Development, DevOps, Observability, Performance Optimization

Experience

Red Ventures — Senior Software Engineer | Sep 2021 – Sep 2025 (4 years)

- Supported React/Express applications for Mortgages serving millions of visitors with real-time rate data across 10+ microservices on AWS ECS with ElastiCache and Lambda functions
- Built AI video streaming service for Bankrate.com using NestJS/GraphQL backend and HTML5 player integration with WordPress/Storyblok CMS
- Architected editorial AI platform enabling writers and editors to research, write, and update content across Bankrate using Vue.js frontend and NestJS backend
- Contributor on core Bankrate platform supporting 2M+ pages and 600k daily visitors using Laravel with Fastly CDN, mentored teams on AI tools (ChatGPT, Cursor) and won AI Hackathon for legacy calculator migration while supporting over 100 code repositories
- Implemented comprehensive monitoring with Datadog/New Relic and OpenTelemetry across all applications, provisioned infrastructure using Terraform
- Mentored junior developers on Laravel best practices and AI implementation strategies while managing cross-team PR reviews

Dealer Inspire — Senior Software Engineer | Feb 2021 – Sep 2021 (7 months)

- Developed Laravel admin interface and Node.js REST API for chatbot system serving hundreds of dealerships nationwide with inventory search and sales lead management
- Supported React chatbot client enabling text communication between customers and dealership employees with real-time inventory sharing and collaboration features
- Implemented parallelized testing pipeline in Bitbucket reducing build times by 30%, deployed Laravel/Node.js stack on AWS ECS with S3 and Redis

RE/MAX — Senior Software Engineer | Aug 2018 – Jan 2021 (2 years, 5 months)

- Developed Laravel REST API backend for Max Center agent referral system serving global agents with SSO integration via Okta and Elasticsearch-powered agent search functionality
- Led Max Center v5 launch upgrading AngularJS to Angular 2, implemented comprehensive PHPUnit testing framework increasing backend test coverage from zero
- Migrated from CAB to GitLab CI/CD pipeline on AWS EC2/RDS/ElastiCache infrastructure, mentored junior developers on Laravel best practices, and resolved production bugs

Schomp Automotive Group — Software Developer | Jun 2015 – Dec 2017 (2 years, 6 months)

- Developed Laravel application with vehicle search, online desking system for payment calculations, and drag-and-drop warranty packaging software with signature agreements
- Built API integrations with dealer management systems (DealerTrack, CDK) using REST and SOAP protocols for vehicle inventory and warranty options import
- Optimized database performance through index optimization, improving application load times
- Deployed Laravel/Apache stack with PHP-FPM, MySQL on Digital Ocean with Bitbucket CI/CD pipeline

Denver Website Repair — Web Developer | Jan 2015 – Jun 2015 (6 months)

- Assisted in developing CRM system powered by CodeIgniter framework
- Supported PHP/WordPress client requests and custom application development
- Performed major cleanup work on nonprofit subscription system hosted on Bitbucket

Web Development & Marketing Roles | 2010 – 2015

- Developed custom WordPress themes and plugins using PHP, MySQL, and JavaScript
- Implemented responsive designs using HTML5, CSS3, and jQuery