

# Raymond Perez

Denver Metropolitan Area | ray@rayperez.com | <https://www.linkedin.com/in/raymond-perez-eng/>

## Senior Software Engineer

- Senior Software Engineer (15+ years); products serving millions of users
- 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

- **Languages & Frameworks:** TypeScript, Node.js, Laravel, PHP, React
- **Cloud & DevOps:** AWS (ECS, Lambda, S3), Terraform, CI/CD, Observability, System Architecture
- **Specializations:** AI Development, REST APIs, ETL Processes, Performance Optimization

## Work Experience

### Pronomix

Oct 2025 – Jan 2026 (4 months)

#### Senior Software Engineer

- Added CI/CD code analysis for laravel, enabling safer releases.
- Built ETL process for Amazon ad revenue reporting: Laravel scheduled command consuming SQS, MySQL and internal API mapping clicks to revenue for attribution and ad insights.
- Built Slack notification system with CloudWatch, Lambda (Node.js, TypeScript), and CloudFormation for error alerts, improving telemetry and incident response.

### Red Ventures

Sep 2021 – Sep 2025 (4 years)

#### Senior Software Engineer

- 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, mentored teams on AI tools and won AI Hackathon for legacy calculator migration

## Dealer Inspire

Feb 2021 – Sep 2021 (7 months)

### Senior Software Engineer

- 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

Aug 2018 – Jan 2021 (2 years, 5 months)

### Senior Software Engineer

- 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

Jun 2015 – Dec 2017 (2 years, 6 months)

### Software Developer

- 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 MySQL database performance

## Denver Website Repair

Jan 2015 – Jun 2015 (6 months)

### Web Developer

- Developed CRM system using CodeIgniter framework and supported PHP/WordPress client requests with custom application development

## Web Development & Marketing Roles

2010 – 2015

### Web Developer & Marketing Specialist

- Developed custom WordPress themes and plugins using PHP, MySQL, and JavaScript with responsive designs using HTML5, CSS3, and jQuery
- Built websites and SEO solutions for service-based industries including Reality Concepts (home builder websites), Omni Medical Marketing (plastic surgeon websites), and Nip and Tuck Carpet Repair