

RAMON WINTERS

Senior Software Engineer

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• 27110 Shoreview Ave. Euclid, OH

Summary

Senior software architect and engineer with over **15 years of experience** in **full-stack development** and **system design**. Proven expertise in modern technologies including **React, Node.js, Python**, and **cloud platforms**, with a track record of improving **system efficiency by up to 45%**. Experienced **technical leader** who has **mentored development teams** and driven **architectural decisions** across both **waterfall and agile methodologies**. Specializes in **scalable solutions, performance optimization**, and **cross-functional collaboration** to deliver **high-impact software products**.

Skills

React • TypeScript • JavaScript • Next.js • Angular • Vue

Node.js • Express.js • Ruby • Ruby on Rails • Python • Django • Flask • GraphQL • Apollo • Elasticsearch • Nest.JS • Cypress

PHP • Laravel • WordPress • Shopify

MySQL • MongoDB • PostgreSQL

React Native • Flutter • Swift • Kotlin

Docker • Kubernetes • Redis • AWS • Google Cloud • Azure • Heroku

OpenAI API • Google API • TensorFlow • PyTorch • FastAPI

Experience

Kfcow

Senior Software Engineer

12/2024 - Present

- Redesigned the entire data management architecture using **Redux Toolkit**, working across **50+ components** to eliminate critical performance bottlenecks. The new system improved platform efficiency by **45%** and became the foundation for how we handle state across the application.
- Led a major frontend optimization effort for our video streaming platform. By implementing **React.memo**, strategic lazy loading, and intelligent code-splitting, we achieved **30% faster page loads** and **25% fewer bugs**. The Lighthouse score jumped from **68 to 94**, making the platform noticeably faster for users.
- Rebuilt our **Django REST API** infrastructure from the ground up with optimized queries, connection pooling, and a **Redis caching** layer. Response times dropped from **800ms to 480ms (40% faster)** even as we handled **3x more traffic**.
- Designed and built a distributed streaming system using **Celery, AWS S3, and CloudFront CDN** that now powers our entire platform. It handles **100,000+ concurrent streams** with **sub-second latency** and maintains **99.97% uptime**.
- Completely transformed how partners integrate with our platform by creating comprehensive API documentation with interactive **Swagger** examples and detailed SDK guides. Integration time went from **2 weeks to 3 days**, which directly enabled **15+ new partnerships**.
- Drove engineering excellence by establishing automated testing (**92% backend, 88% frontend coverage**) and modern **CI/CD pipelines**. Deployments that used to take **2 days now complete in 4 hours**, and failures dropped by **60%**.
- Created technical standards and architectural patterns for service communication, error handling, and observability that have been adopted by **3 engineering teams**. This work reduced onboarding time by **40%** and established consistency across our growing engineering organization.

Upcall

Senior Frontend Developer

04/2022 - 11/2024

- Built the frontend architecture for an enterprise calling platform from the ground up, serving **10,000+ businesses** and **500,000+ monthly users**. Maintained **sub-2-second page loads** through careful component design and efficient state management patterns.
- Developed a real-time analytics dashboard using custom **Chart.js** visualizations that processes **1 million+ data points**. The dashboard increased user engagement by **40%** while actually reducing server load by **35%** through smart data aggregation.
- Led a complete UI/UX overhaul across **40+ core components**, implementing responsive design and **WCAG 2.1 AA accessibility** standards. Support tickets dropped by **30%** and mobile conversions improved by **22%**.
- Established a comprehensive testing culture with **85% code coverage**, E2E testing, and visual regression testing across **120,000+ lines of code**. Production bugs decreased by **25%**, and the team gained confidence shipping features faster.
- Optimized application performance by implementing code-splitting, removing unused dependencies, and modernizing the build pipeline. Bundle size went from **2.8MB to 1.1MB (60% smaller)**, and the Lighthouse score improved from **62 to 91**.
- Standardized the development environment using **Docker** so it works identically on Mac, Windows, and Linux. New developers can now set up and start contributing in hours instead of days, cutting onboarding time by **20%**.
- Built code quality infrastructure with automated linting, pre-commit hooks, and technical debt tracking. Wrote detailed technical guidelines covering state management, API patterns, component architecture, and performance optimization that the team still references daily.

Experience

Oracle

Senior Full Stack Developer

02/2020 - 03/2022

- Built the **Oracle Cloud Infrastructure Database Migration Service** from scratch—a system that moves massive enterprise databases (Oracle, MySQL, PostgreSQL up to **10TB**) with **zero downtime**. We've completed **5,000+ migrations** with a **99.95% success rate**.
- Created a **React-based** admin interface that gives operators real-time visibility into migration progress with custom visualizations and streaming updates. The interface made operations **20% more efficient** and became the control center for managing complex migrations.
- Designed the **Node.js** backend architecture using message queues for reliable service communication and **PostgreSQL** for persistence. Achieved **99.9% availability** while reducing response times from **1.2s to 840ms (30% faster)**.
- Integrated the full stack of cloud services—secure storage, serverless functions, monitoring, and networking—while building robust error handling with automatic retries and comprehensive logging that made debugging distributed issues much easier.
- Established engineering practices including automated testing (**90% coverage**), **CI/CD pipelines** with security scanning, and extensive documentation. Production issues dropped by **35%**, and new engineer onboarding went from **6 weeks to 3 weeks**.

MailerLite

Senior Full Stack Developer

05/2016 - 01/2020

- Built a real-time campaign analytics platform serving **100,000+ users** in **130+ countries**. Optimized the infrastructure for live updates across multiple servers, cutting data latency from **5 seconds to 2 seconds (60% faster)**.
- Created a flexible drag-and-drop form builder with **50+ field types** and conditional logic that shows or hides fields based on user input. User engagement increased by **70%**, and customers could now build complex forms without developer help.
- Designed the email processing pipeline using message queues and **12 specialized workers** that handle **5 million+ messages daily** with automatic error recovery. Improved targeting accuracy by **40%** and reduced processing time by **55%**.
- Optimized database performance through systematic query analysis, strategic indexing, intelligent caching, and table partitioning. Response times improved from **850ms to 595ms (30% faster)** under heavy load.
- Built a robust **RESTful API** with **OAuth authentication** and rate limiting (**1,000 requests/hour**) that handles **50,000+ requests per minute** during peak usage. Comprehensive testing (**85% backend coverage**) helped reduce production bugs by **45%**.

Wayfair

Full Stack Developer

01/2013 - 04/2016

- Developed **15+ major features** for an e-commerce platform serving **30 million monthly users**, including server-side rendering, responsive product pages, and an optimized checkout flow. Engagement increased by **20%** and cart abandonment dropped by **8%**.
- Built an internal marketing platform with a flexible API supporting **200+ content types** that let marketing teams launch campaigns independently. This reduced their dependency on engineering and cut support requests by **40%**.
- Led the transformation from a monolithic application to **12 independent microservices** with service discovery and container-based deployment. Build times dropped from **45 to 22 minutes (50% faster)**, and deployments became much more flexible.
- Implemented frontend performance optimizations including code-splitting, lazy loading, and virtual scrolling. The Lighthouse score went from **58 to 89**, and conversions improved by **12%** as pages loaded faster.
- Designed a multi-layer caching system with in-memory storage and smart pre-loading that reduced database load by **60%** and improved response times by **40%** even during peak traffic with **100,000+ simultaneous users**.

OhioHealth

Web Developer

06/2009 - 12/2012

- Worked with cross-functional teams to design and build websites from scratch, consistently delivering projects on time while learning to balance technical requirements with business needs.
- Automated manual business processes by gathering requirements from users and building custom web applications that reduced manual work by **40%**.
- Redesigned user interfaces to improve usability and add new features, which increased user satisfaction and helped me develop an eye for what makes software easy to use.
- Introduced quality practices including unit tests, code reviews, and proper merge workflows that reduced bugs by **30%** and improved overall code quality across the team.

Education

The Ohio State University

Bachelor of Engineering, Major in Computer Science

08/2005 - 05/2009