

Gordon Lewis

Founding Engineer

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EXPERIENCE

Full Stack Engineer — Rooster Grin Media, Remote (Apr 2022–Present)

- Owned development of large production applications handling millions of records, building the backend systems powering patient communication, scheduling, and operational management across hundreds of client organizations.
- Built a platform-wide monitoring and alerting system that detected telephony outages, messaging delivery failures, and data sync issues in real time, reducing incident response times from hours to minutes.
- Architected a unified integration layer connecting four third-party systems into a single platform, eliminating manual data entry and ensuring consistent operational records across all vendor systems.
- Reduced website migration timelines from 90 days to under 10 minutes by building an AI-powered content generation platform that automatically produces site content, assigns images, and provisions hosting infrastructure.
- Developed a complete telephony integration from scratch, enabling real-time call tracking, voicemail detection, and automated call routing across 100+ multi-location client sites.
- Scaled the messaging infrastructure to deliver hundreds of millions of communications while building compliance features that expanded the platform's reach internationally.
- Led a multi-phase framework upgrade (Rails 5.x → 6.1) across the production platform with zero downtime and zero production incidents, modernizing the codebase while maintaining service for all active customers.
- Designed an automated patient communication system — missed call text-back, business hours scheduling, no-show follow-ups, and recall reminders — reducing manual staff workload and improving re-engagement.

Software Engineer — Data & Automation — Classic Parts Pro (CPP), Remote (2024–2025)

- Built an AI-powered data pipeline matching parts to 317,000+ vehicles, using a cascading strategy that tries deterministic matching before falling back to AI — reducing API costs by 60–80%.
- Designed relational schemas and data normalization systems to structure messy vendor data into performant, queryable formats supporting hundreds of thousands of records.

Software Engineer — Rooster Grin Media, Remote (Jul 2021–Apr 2022)

- Supported and enhanced 750+ live websites, delivering features, fixes, and content updates under real production constraints.
- Shipped features across multiple frameworks (Vue, PHP, React) while managing AWS infrastructure (S3, CloudFront, Route 53, CodePipeline) for rapid deployment.

Software Engineer — Advest Marketing, Remote (Jun 2020–Jul 2021)

- Designed and developed custom client applications end-to-end; contributed to an internal full-stack application, implementing core UI components in React.

SKILLS

- **Backend:** Ruby on Rails, Python, FastAPI, PostgreSQL, SQL, REST APIs
- **AI & Automation:** OpenAI API, Claude API, LLM integration, workflow automation, data pipelines
- **Frontend:** React, Next.js, TypeScript, JavaScript (ES6+), Tailwind CSS, Vue.js, HTML, CSS/Sass
- **Infrastructure:** AWS (EC2, RDS, S3, SES, SNS, CloudWatch, Lambda, CloudFront, Route 53, CodePipeline), Docker
- **Data:** Schema design, data normalization, CSV pipelines, web scraping
- **Practices:** Production reliability, monitoring & observability, customer deployments, performance tuning

EDUCATION

B.A. in Practice of Art (Digital Fabrication), University of California, Berkeley.

Certificate in User Experience Design, General Assembly.