

Christian Bega

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Summary

Full-stack developer with 3 years of experience shipping production web apps and tools for a telehealth startup, including a custom internal EHR, multi-state e-commerce, and customer-facing sites. Grew from entry-level to lead developer managing a team of 2–3, responsible for sprint planning and task delegation alongside backend architecture, cloud infrastructure, and third-party integrations across React/Next.js, Node.js/Express, and AWS/GCP.

Skills

Languages & Frameworks: JavaScript, TypeScript, React.js, Next.js, Node.js, Express

Cloud & Infrastructure: AWS (Lambda, API Gateway, CloudFront), GCP (Cloud Run, Healthcare API), GitHub Actions

Data & Integrations: REST APIs, Prisma, BigQuery, Firebase, FHIR R4, OAuth 2.0, Stripe, GoHighLevel

Frontend & Testing: Material UI, Tailwind CSS, Responsive Design, Jest/Vitest

Projects

AlmaEHR (Custom EHR Platform)

Developed an EHR platform on GCP with a 2-person engineering team, delivering a full-stack solution using Next.js, Node.js/Express, and Cloud Healthcare API to replace a third-party EHR for a telehealth startup.

- Built 60+ Express REST API endpoints using a layered service architecture to replace a third-party EHR, adopting FHIR R4 for healthcare interoperability and reducing costs by ~75%.
- Implemented RBAC route middleware using Firebase JWT, with access controls that traverse practitioner to healing center to patient relationships to ensure HIPAA-compliant data boundaries.
- Architected a dual-read data pattern using BigQuery for fast paginated list queries and FHIR API for real-time detail views, reducing list query latency while preserving clinical data accuracy.
- Integrated GoHighLevel API via OAuth 2.0 with automatic token refresh and race condition prevention, enabling bidirectional syncing between CRM and EHR for patient workflows.
- Developed the Next.js frontend including client and session management, document workflows with a custom form builder, and role-based rendering across practitioner, healing center, and patient portals.

Almadelic (Telehealth platform) [Live](#)

Launched a telehealth platform from initial concept to production with up to 3 other developers, delivering the frontend, backend integrations, and business automations that powered the company's operations.

- Shipped 40+ responsive pages using React and Material UI across services, treatments, state-specific landing pages, and blog, establishing the brand's online identity and driving organic SEO traffic.
- Built a custom React and Stripe e-commerce platform after third-party solutions failed to meet business requirements, establishing first revenue generation and reducing processing fees from ~6% to ~3.5%.
- Resolved SPA crawlability limitations using Prerender.io, CloudFront, and Lambda@Edge to serve cached SSR content to search engine and AI crawlers, improving crawl efficiency to bots by 5x and page delivery by 82%.
- Implemented RESTful API integrations using API Gateway and Lambda connecting Stripe, CRM, and EHR, establishing core infrastructure for payment processing, lead management, and patient workflows.
- Created 40+ GoHighLevel automations for lead capture, appointment scheduling, and CRM-EHR syncing, reducing manual administrative overhead and streamlining patient operations.

Gardens Dispensary (Website Refactor) [Live](#)

Refactored a multi-state dispensary website to Next.js, TypeScript, and Tailwind CSS with a 3-person team, delivering a modernized and unified platform serving 17 locations in 2 months.

- Achieved WCAG compliance across core page templates with 95+ Lighthouse accessibility scores and zero critical errors flagged in Axe DevTools audits.
- Built a lead generation system connecting frontend signup forms to GoHighLevel CRM with tagging, confirmation emails, and rewards syncing, growing from 0 to 2,000+ leads since launch.
- Implemented SEO optimization using Next.js SSR, metadata management, and schema markup, achieving top-5 local search rankings for primary keywords across multiple store locations.
- Developed a mobile responsive Next.js frontend serving 17 locations across 5 states, including home, locations, FAQ, reviews, rewards, and blog pages, to support brand unification and local SEO strategy.

Experience

Almadelic
Full-Stack Developer

Sept 2023 - Present
Full Time Remote

- Established engineering team practices including daily standups, SOPs, and developer onboarding to improve team communication and standardize how work got planned and shipped.
- Grew from entry-level developer to lead role over 3 years, taking on increasing scope including sprint planning, architecture decisions, infrastructure ownership, and code review for a 2-3 person engineering team.
- Collaborated with non-technical leadership across product, technical, and infrastructure decisions, including build-vs-buy tradeoffs, vendor and tool selection, and architecture direction.
- Operated as the team's authority on GoHighLevel CRM following a paid consulting engagement, managing CRM decisions and development across multiple sub-accounts and integrations.

Education

University of Denver
Flex Full Stack Web Development Boot Camp - Online Certificate

January 2023

Community College Of Aurora
Associate of General Studies

March 2022