

Andrew Boehm — Full Stack Developer

Andrew Boehm

Omaha, NE | dev@elevatedseo.com | 402-320-5375 | elevatedweb.com Senior Ecommerce Developer | Microservices & Headless Commerce Specialist

Professional Summary

Results-driven Full-Stack Developer with 16 total experience and over 10 years of designing, developing, and maintaining enterprise-level ecommerce systems. Highly skilled in Magento, Shopify Plus, Hydrogen, Next.js, Node.js, and modern front-end frameworks, with deep experience building scalable microservices and cloud-based applications. Currently leading full-stack digital transformations, including headless commerce implementations, API integrations, and custom feature development. Passionate about performance optimization, maintainable architecture, and delivering high-quality solutions in fast-paced environments. I have also been implementing front end CRO, SEO and marketing campaigns for years including attending many breakthrough marketing conferences over the years.

Core Technical Skills

Languages & Frameworks: JavaScript (ES6+), TypeScript, Node.js, React, PHP 8, Liquid, HTML5, CSS3, TailwindCSS
Ecommerce Platforms: Magenot, Adobe Commerce, Shopify Plus, Shopify Headless (Hydrogen / Storefront API), WooCommerce
Architecture: Microservices, API-First, Serverless, MVC, REST & GraphQL APIs
Cloud Platforms: Google Cloud Platform (GCP), AWS (Lambda, EC2, CloudFront), Docker, Kubernetes
Databases: MySQL, PostgreSQL, Redis, Firestore
Integrations: Shopify APIs, ERP (NetSuite), CRM, Payment Gateways, Fulfillment APIs
DevOps & CI/CD: GitHub Actions, GitLab CI, Terraform, Docker Compose
Soft Skills: Technical Leadership, Agile Development, Team Collaboration, Problem Solving

Professional Experience

Senior Full-Stack Ecommerce, React, Node.js Developer | Elevated Web Design

Remote – 2009 – Present

- Architect, develop, and optimize full-stack ecommerce solutions across Magento, Wordpress, Shopify, Node.js, and Laravel environments.
- Lead the implementation of headless Shopify architectures integrating React front-ends with Node.js back-end services.
- Design and deploy microservices-based architectures on Google Cloud Platform and AWS for scalable ecommerce applications.
- Build custom Shopify apps, API integrations, and middleware connecting Shopify and NetSuite ERP systems.
- Collaborate with internal and external teams on data modeling, performance optimization, and deployment automation.
- Implement CI/CD pipelines, Docker containers, and cloud deployments for continuous delivery and scalability.

Key Achievements:

- Led digital transformation project migrating legacy monolith to microservices using Node.js and GCP.
- Developed microservice for product sync between Shopify and NetSuite, reducing data latency by 50%.

- Built headless Shopify storefront with custom React components and API integrations improving conversion rate by 30%.

- MAGENTO PLATFORM OPTIMIZATION

Led optimization across frontend, backend, server stack, database, caching, and Elasticsearch/OpenSearch.

Implemented Varnish, Redis, PHP-FPM tuning, WebP, lazy loading, asset minimization, critical CSS.

Conducted infrastructure and codebase audits improving performance, scalability, and reliability.

Reduced load time 40–70% by refactoring modules, optimizing queries, and implementing layered caching.

Improved indexer performance and cron orchestration for stable, high-traffic environments.

- MAGENTO UPGRADE PLANNING & EXECUTION

Executed safe upgrades from 2.3.x → 2.4.x → 2.4.8 without losing design or custom functionality.

Performed extension/theme audits, rebuilt deprecated modules, fixed compatibility issues.

Managed clone environments, sandbox testing, regression suites, and zero-downtime releases.

Built upgrade playbooks, rollback plans, and version-control workflows.

- SECURITY HARDENING & COMPLIANCE

Implemented enterprise-grade Magento security: WAF, bot protection, 2FA, admin obfuscation, HSTS, ACL controls.

Designed PCI & HIPAA-aligned security standards for checkout and data workflows.

Developed patch governance, vulnerability management pipelines, and incident-response plans.

Hardened server stack (Nginx/Apache, MySQL, file permissions, deployment pipelines).

- DEVELOPMENT PROCESS LEADERSHIP

Built engineering processes including sprint planning, code reviews, QA/UAT workflows, CI/CD pipelines.

Led developer hiring: interviews, code challenges, onboarding, performance leveling.

Created development standards, documentation frameworks, automated testing paths.

Managed multi-team delivery and ensured consistent deployment quality.

- ENTERPRISE SYSTEMS ARCHITECTURE (Salesforce + Oracle + Magento)

Designed enterprise architectures integrating Magento storefront with:

Salesforce CRM

Oracle ERP (NetSuite or Fusion)

Middleware (Mulesoft, Celigo, Boomi, custom microservices)

Defined product, order, customer, pricing, and inventory data flows for real-time syncing.

Built specifications for fulfillment automation, pricing logic, and customer lifecycle workflows.

- ERP & CRM STRATEGY

Evaluated and implemented ERP/CRM systems:

Oracle NetSuite, SAP, Dynamics 365, Odoo, Salesforce, Zoho, HubSpot.

Unified warehouse, finance, sales, and customer lifecycle processes into connected ecosystems.

Ensured Magento remained the customer-facing UI while ERP/CRM systems powered backend operations.

- TECHNICAL STRATEGY & CLIENT LEADERSHIP

Senior advisor for platform optimization, architecture improvements, security posture, and modernization.

Delivered technical documentation, architecture diagrams, proposals, and audits.

Led cross-functional collaboration across engineering, finance, operations, marketing, and leadership teams.

Full-Stack Engineer | Tata Consultancy Services (TCS)

Remote – Jun 2020 – Aug 2023

- Delivered enterprise-grade applications using Node.js, PHP, and React integrated with Shopify and Magento APIs.
- Implemented microservice architecture supporting high-traffic ecommerce and logistics systems.
- Optimized database schemas, caching, and API response times improving performance by 40%.
- Worked with cross-functional DevOps teams managing CI/CD pipelines and cloud infrastructure (AWS, Docker).

Web Developer | Walmart Commerce Technologies

Remote – Mar 2017 – May 2018

- Developed modular web components using JavaScript, Node.js, and Liquid for ecommerce systems.
- Integrated APIs for product data, payments, and analytics across Shopify and Magento platforms.
- Collaborated on performance testing and code refactoring to support high-availability systems. Shopify/Magento/Woo Projects (2016–2018)

Hidden Gears (lead dev), Old Time Pottery (UI/UX), Algenist, Jelly.com, Humming Bird Farms, Electric Bike Technologies, Eat IQ Bar—custom features, app wiring, and payment setups across multi-store environments.

Shopify Full Stack Developer | Hidden Gears (12/2016 to 6/2017) - Led development and application support for Shopify stores.

Magento Frontend Lead Developer | CBDMD (1/2019 to 10/2019) - Led development and upgraded the version.

Magento Developer | Muzzle Loaders (1/2014 - 1/2019) - Developed the site from scratch and upgraded it from magento 1 to magento 2

Magento Developer and Shopify Developer (10/2019 - 2/2021) - Developed magento site and migrated the magento site to Shopify

Adobe Commerce Developer & Project Manager | UNFI

Shopify Remote Lead Developer & Application Support | Old Time Pottery | Agency Partner
Focused on UI/UX development and application support for Shopify.

Shopify UI/UX Developer | Algenist Cosmetics | Agency Partner - Customized Shopify themes and enhanced store features.

Shopify Developer | Bound By | Agency Partner - Developed custom features and integrations for Shopify stores.

Shopify Developer for Jelly.com | Agency Partner - Enhanced store features and implemented third-party app integrations.

Shopify Developer | Humming Bird Farms | Agency Partner - Developed custom Shopify apps and integrations for better store management.

Shopify Freelancer | Eat IQ Bar | Freelancer - Set up and customized e-commerce stores on Shopify.

Shopify Developer | Electric Bike Technologies | Freelancer - Created custom Shopify solutions and integrations. - Shopify Freelancer | Warmee Blankets | Freelancer

Provided Shopify maintenance and custom solutions for a drop shipping business with 18 stores
Airfield Supply Co Frontend Ecommerce developer

Worked with the onsite team and IT director and as well as my implementation partner to help on all front-end web development work as well as ticketing support.

Upgraded systems built micro services, design updates from figma the whole nine yards.

Supergroovys and Disco Cat Distro

Helped build and manage multiple store locations and warehouse distribution center, had 3 retail stores and a warehouse that I over saw and managed the products buying and selling, vendor relationships.

All online platforms and eCommerce

Product and vendor relationships as well as building relationships with customers

Commerce Engineer — Hidden Gears

- Delivered a fully headless Shopify Hydrogen storefront for a national retail brand, improving page load performance by ~60%.
- Built and maintained multi-region Shopify Plus deployments supporting large monthly transactions.
- Developed CI/CD automation using GitHub Actions and Docker, enabling rapid and reliable Shopify app releases.
- Led complex Shopify Plus builds for agencies and enterprise clients requiring custom checkout logic, integrations, and performance tuning.

Education

B.A. in Broadcast Journalism (Business Minor) – Humboldt State University, Arcata, CA

A.A. in General Studies – College of the Redwoods, Eureka, CA

Certifications

Certified Agile Project Manager

Shopify Partner & Moderator (2010 – 2019)

Google Cloud Developer (Training Completed)

AWS Cloud Practitioner (Training Completed)

Profiles

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<https://www.upwork.com/freelancers/~01ec5f878522ffab37>