Andrew Dotterer

Software Developer · Principal Oboist · adotterer.com · linkedin.com/in/adotterer · Philadelphia, PA

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, HTML5, CSS3
Frameworks: Next.js, React.js, Node.js, Express.js, Flask, Redux, Jest, MongoDB
Platforms & Tools: BigCommerce (Catalyst, Stencil), Shopify (Liquid), Patchworks iPaaS, Bloomreach Discovery, GraphQL, AWS, Klaviyo, Google Gemini AI, Cloudflare, Git

PROFESSIONAL EXPERIENCE

Web Developer · **MoJo Active**   Oct 2024 – Present | Remote   www.mojoactive.com/our-work

- **2025 BigCommerce Agency Partner of the Year** — contributed to MoJo Active earning this award
- Built headless storefront on **BigCommerce Catalyst + Next.js**, migrating client from WooCommerce; integrated proprietary order/inventory middleware for real-time sync and transfers across physical retail locations
- Engineered **Bloomreach Discovery** catalog sync (daily full + 15-min delta updates); implemented **Klaviyo** for abandoned cart, back-in-stock, and transactional email notifications
- Integrated **Trustpilot** reviews and **Nxtmoves** loyalty program; developed custom BOPIS checkout experience streamlining buy-online-pickup-in-store fulfillment
- Built AI-powered sales assistant with **Google Gemini + Next.js** and live agent escalation via **Slack**; maintained **Stencil** B2B theme for high-volume distributor

Front-End Developer · **Overdose.Digital**   Mar 2022 – Jun 2024 | Remote

- Delivered frontend eCommerce for 20+ **BigCommerce** and **Shopify** clients in 2-week sprints; translated Figma mockups into pixel-perfect responsive interfaces across desktop, tablet, and mobile
- Engineered complex product catalog solutions with custom **GraphQL** & REST APIs; led **BigCommerce Multi-Storefront** migration resolving critical SEO issues for locale-based search accuracy
- **Klaviyo** integration tracking product views, checkout & shipment events; automated **Node.js** scripts for custom product imports and cloud worker operations

Software Engineering Instructor · **App Academy**   Mar 2021 – Mar 2022 | Remote

- Led daily lectures on **Node.js**, **React.js**, RESTful APIs, ES6, CSS, and HTML; achieved 4.9/5 student interaction score; mentored 3 Junior IAs in JavaScript & Python debugging

PROJECTS

- **MatthewShippOboe.com** (Next.js, eBay API, OAuth, AWS SES) — Musician portfolio with live eBay listings via full OAuth and serverless contact form www.matthewshippoboe.com/
- **Navi Bot** (Discord.js, Node.js, AWS S3, Google Gemini) — Discord bot with AI-powered match-up guides & Q&A from exported channel data, plus admin UI navi.adotterer.com/
- **eCommerce Storefronts** (BigCommerce Catalyst, Next.js, Shopify, GraphQL) — Headless & theme-based storefronts through MoJo Active — complex catalogs, BOPIS, accessible builds www.mojoactive.com/our-work

EDUCATION

Full Stack Software Engineering Certificate · App Academy 2021
Artist Diploma, Oboe · Oberlin Conservatory 2019 · MM Temple University 2017 · BFA Carnegie Mellon 2015

AWARDS & ADDITIONAL

- 2025 BigCommerce Agency Partner of the Year · MoJo Active
- Patchworks iPaaS Certified — Connector Builder (L1 & L2), Process Flows (L1 & L2), Dashboard Foundation
- BigCommerce x Stripe Hackathon 2023 · AWS Cloud Technical Essentials (Amazon Web Services)
- Principal Oboist (tenured), Orchestra Iowa — Cedar Rapids, IA, 2019–Present