

Lucas Anderson

Full-Stack SWE (TypeScript/React • Node/Express • PostgreSQL • Java) — Columbia, SC (open to U.S.)

lucas@lucasanderson.dev | lucasanderson.dev | linkedin.com/in/lucas-c-anderson | github.com/ay-lucas

Education

University of South Carolina – BS in Computer Science, GPA: 3.5

Expected May 2026

- Relevant Coursework: Data Structures & Algorithms, Operating Systems, Software Engineering, Networking

Projects

TV & Movie Discovery App | *Next.js, TypeScript, Tailwind, Supabase, Drizzle, Redis, Vercel* | glimpse.lucasanderson.dev

- Improved page load ~75% and reduced external API calls ~90% using Server Components, ISR, and Redis caching.
- Implemented AI "mood/vibe" recommendations and streaming availability via JustWatch.
- Built typed App Router APIs with Zod and Supabase Auth, secured with middleware guards and rate limiting.

Stock Market Analytics | *Next.js, Express, TypeScript, Node*

stock-matic.lucasanderson.dev

- Built a stock dashboard with interactive 50-year chart, financials, news, autocomplete search, and theme toggle.
- Created a monorepo with shared TypeScript models and REST API integration.
- Integrated Yahoo, Polygon, Finnhub APIs with automatic failover and input/date validation.

Language Learning App | *Java, JavaFX, AWS Polly, JUnit*

github.com/ay-Lucas/Globo-Lingo

- Led a 4-person Scrum team to architect a modular OOP codebase designed for easy integration of future language packs.
- Integrated AWS Polly for natural text-to-speech, improving accessibility.
- Achieved 100% unit test coverage with JUnit, uncovering hidden bugs and preventing future regressions.

PhysiqueIQ — Landing & Waitlist | *Next.js, TypeScript, Tailwind, Supabase, Resend, Vercel*

physiqueiq.app

- Implemented double opt-in waitlist via Resend to ensure verified sign-ups for email onboarding.
- Prevented bot sign-ups by integrating Cloudflare Turnstile to maintain a clean outreach list.

React Weather App | *JavaScript, React, Tailwind*

weather.lucasanderson.dev

- Built a real-time weather dashboard with interactive radar powered by Visual Crossing and RainViewer APIs.
- Enhanced UX with geolocation search and responsive Material UI components across devices.

Skills

Languages: TypeScript, JavaScript, Java, HTML, CSS, Bash

Frontend: React, Next.js, Tailwind CSS, shadcn/ui

Backend & APIs: Node.js, Express, REST, Zod, OpenAI

Databases & Caching: PostgreSQL, Supabase, Drizzle ORM, Redis

DevOps: Vercel, Docker, AWS, Linux, Git, GitHub Actions

Testing & Tools: JUnit, Agile, Scrum, Figma