Lucas Anderson

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

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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/React, TypeScript, Tailwind, Supabase, Drizzle, Redis*   glimpse.lucasanderson.dev

- Built a platform with AI "mood/vibe" recommendations and streaming availability, deployed on Vercel.
- Cut page load ~75% and reduced API calls ~90% using Redis caching and ISR.
- Designed responsive UI in Tailwind/Figma and secured APIs with Supabase Auth, middleware guards, and rate limiting.

Stock-Matic | *Next.js/React, Node/Express, TypeScript*   stock-matic.lucasanderson.dev

- Engineered an interactive dashboard analyzing 50+ years of financial data with automated data pipelines.
- Built secure APIs with validation/failover and created visualizations for exploring financial trends.

Language Learning App | *Java, JavaFX, AWS Polly, JUnit*   github.com/ay-Lucas/Globo-Lingo

- Led a 4-person Scrum team, managing sprint planning, backlog, and code reviews for consistent delivery.
- Integrated AWS Polly for accessibility and achieved 100% JUnit test coverage, catching bugs early.

PhysiqueIQ — Landing & Waitlist | *Next.js/React, TypeScript, Tailwind, Supabase*   physiqueiq.app

- Built a double opt-in waitlist to ensure verified sign-ups for email onboarding.
- Implemented bot protection with Cloudflare Turnstile to safeguard user data integrity.

React Weather App | *JavaScript, React, Tailwind*   weather.lucasanderson.dev

- Built a responsive weather dashboard with live data and interactive radar maps, my first React project.

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, Figma