Simon Manzler

US and EU citizen
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Portfolio: www.simonmanzler.com

Education

University of Cincinnati | *Cincinnati, Ohio*
Bachelor of Science in Information Technology - Software Development
Dean's List (5 semesters)   Expected May 2026

Professional Summary

Full-stack Software Developer with 3 internships and production experience with React, C#, and SQL. Built and shipped real-world applications from an offline-first mobile app on the App Store to enterprise APIs in financial services. Skilled in cloud platforms, database design, and modern frontend frameworks.

Skills

Languages & Frameworks: C#, JavaScript/TypeScript, HTML/CSS, React, React Native, Next.js, SQL, Python, Entity Framework
Tools & Platforms: PostgreSQL, Supabase, Firebase, Git, GitHub, Docker, Vercel, AWS, Stripe, Expo, REST APIs
Areas of Expertise: API Development, Offline-First Design, Unit Testing, Agile, CI/CD, Authentication & Authorization

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Experience

Western & Southern Financial Group | *Investment Technology Intern*   May 2025 - Present
- Implemented the OFAC endpoint, scanning thousands of investment clients against the U.S. sanctions list to ensure compliance.
- Developing C# / .NET APIs for investment IT systems to process and analyze securities data.
- Writing comprehensive unit tests to increase reliability and reduce production bugs.
- Collaborating with cross-functional teams to deliver secure, high-performance solutions.

Invt | *Independent Contractor*   June 2025 - Present
- Designed, built, and deployed a full production web application independently, including frontend, backend, database architecture, and PWA deployment on Firebase, serving 500+ users.
- Implemented complex business logic, integrated multiple systems, and built secure authentication and real-time data features using React, shadcn, and Supabase.
- Worked directly with the business owner to gather requirements, implement feedback, and deliver new features iteratively, ensuring the app met real-world business needs.

Copeland | *Computer Science Co-op*   January 2025 - May 2025
- Supported enterprise content management workflows using OnBase.
- Documented and streamlined processes to reduce manual effort.

Total Quality Logistics | *Application Support Co-op*   January 2024 - May 2024
- Resolved application tickets and performed SQL debugging for production issues.
- Built a React-based internal dashboard to automate routine tasks and reduce workload.

Projects

Portfolio | *Portfolio Site* | Source Code | Live Site
- Designed and deployed a responsive portfolio using Next.js and Framer Motion to showcase projects.
- Highlighted technical skills, UI design, and production deployment in a professional, user-friendly format.

Written | *Journaling Web App* | Source Code | Live Site
- Created an offline-first web app with a custom sync engine to Supabase.
- Integrated a local WebLLM model to clean and normalize journal entries using a custom prompt pipeline.
- Secured user data with client-side encryption using AES-256-GCM with a salted key-derivation flow.

Rep | *Workout Tracker Mobile App* | Source Code | Rep App Store Link
- Built an offline-first React Native app with Supabase and WatermelonDB to track workouts and personal records.
- Developed custom gesture-based inputs, PR calculations, and real-time data synchronization with row-level security (RLS) for multi-user protection and published to the Apple App Store.