

Samuel Randall

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EXPERIENCE

Software Engineer

Apr 2025 – Present

Veridical

Austin, TX

- Built and launched a full-stack web application on **AWS (EC2, S3, CloudFront)** ensuring scalability and uptime.
- Developing an **iOS** app using **SwiftUI** that interfaces with Bluetooth for Veridical products.
- Developed a **Next.js + TypeScript** frontend with reusable, responsive components improving development time.
- Integrated **Stripe Checkout** and **Payment Intents**, reducing billing errors and streamlining the checkout process.
- Containerized builds with **Docker** and implemented **CI/CD pipelines** for AWS deployment, cutting manual deployment time and post-release bugs.
- Collaborated with stakeholders to convert business requirements into enterprise software aligned with company goals.
- Leveraged **React, Tailwind CSS, HTML, AWS, and MySQL** to deliver secure, maintainable code.

Software Engineer (Freelance)

May 2025 – Jun 2025

Monitoring & Report Generator

Remote

- Built a **Python** automation tool to aggregate multi-location hospital temperature data and generate scheduled reports, eliminating manual data compilation and saving hours weekly.

Software Engineer

Jan 2024 – Mar 2025

Paycom

Dallas, TX

- Developed and maintained enterprise HR/payroll applications using **PHP, React, TypeScript, and MySQL**, while following **Agile Methods**, supporting thousands of daily active users.
- Redesigned and optimized high-traffic, large batch-processing pages by improving **MySQL** queries and optimizing front-end data exchange, making load times up to 2x faster.
- Implemented scalable server-side logic with robust error handling, enhancing performance and system reliability.
- Created modular, reusable **React** components improving maintainability and accelerating feature delivery.
- Contributed to daily code reviews and refactoring sessions to reduce defects and uphold clean code standards.

Software Engineer Intern

May 2023 – Aug 2023

Paycom

Dallas, TX

- Developed an internal event-planning web app using a **C#/.NET backend** and **React/TypeScript frontend**, improving recruiter workflow efficiency through automated scheduling.
- Co-developed a **C# + TypeScript** hackathon project, earning first place and demonstrating full-stack delivery.

EDUCATION

Texas State University

Dec 2023

Bachelor of Science in Computer Science; Minor in Applied Mathematics; Major GPA: 4.0

San Marcos, TX

- Relevant Coursework: Data Structures and Algorithms, Object-Oriented Design, Software Engineering, Internet Software Development, Computer System Security, Machine Learning, Data Mining.

TECHNICAL SKILLS

TypeScript/JavaScript, Python, PHP, MySQL, PostgreSQL, React, Next.js, Tailwind CSS, Git/GitHub, AWS (EC2, S3, CloudFront), Docker, and CI/CD pipelines.