

Ryan Sharifi

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EDUCATION

University of Houston

Bachelor of Science in Computer Science and Minor in Mathematics

Dec 2025

PROFESSIONAL EXPERIENCE

Sterling Systems Solutions - Frontend / Full Stack Engineer

Dec 2024-Present

- Built 25+ React/TypeScript components and 10+ workflows for Trial Finder, including search, filters, bookmarks, dashboards, and trial details
- Integrated Supabase/PostgreSQL-backed trial data across 140K+ records, 2 sources, 15+ normalized fields, 100+ locations, and 10+ filters
- Improved search UX with full-text search, pagination, loading/error states, URL-synced filters, 280ms debouncing, and mobile-responsive layouts
- Improved SEO from #28 to #3 by contributing reusable homepage sections, centralized metadata, sitemap updates, and structured public pages
- Built and customized the company WordPress website, owning responsive frontend layout, page structure, and content updates

Independent Full-Stack Software Engineer

August 2024-Present

- Built and maintain a production media streaming platform using Next.js, React, TypeScript, FastAPI, Supabase, PostgreSQL, and Linux-hosted services
- Developed responsive web and Smart TV experiences for authentication, subscriptions, content discovery, video playback, and user profiles using reusable React components and Next.js
- Built FastAPI services for authentication, subscriptions, PayPal/USDT payments, signed media playback, administrative operations, and external service integrations
- Integrated Linux-hosted streaming, DVR, and relay services with the backend, supporting secure playback, background processing, and production troubleshooting
- Contributed to Android and Android TV development using Kotlin and Jetpack Compose

PROJECT EXPERIENCE

IsMonetized.com - Full Stack Developer

Jan 2026-Present

- Built a full-stack YouTube monetization analysis app using Next.js, React, TypeScript, FastAPI, Supabase, and the YouTube Data API
- Developed API-driven workflows to analyze channel metrics, monetization signals, and estimated earnings and present results through a responsive web interface

Volunteer Management Platform

- Built authentication, role-based profiles, event management, volunteer history, matching, notifications, and reporting workflows using React, TypeScript, FastAPI, Supabase, and PostgreSQL
- Developed FastAPI CRUD APIs, reusable React form components, CSV/PDF reporting, and automated tests using pytest, Jest, and React Testing Library

Medical Clinic Web Application

C#, ASP.NET Core, .NET 6, Entity Framework Core, SQL Server

- Customized ASP.NET Core Identity with role-based authentication and implemented patient registration linking Identity accounts with SQL Server records through Entity Framework Core
- Built doctor-facing MVC workflows for appointments and patient management using async LINQ queries, Razor views, validation, and EF Core

Delbar — Native iOS Dating App

Swift, SwiftUI, Supabase, Xcode

- Built a native iOS dating app using SwiftUI with authentication, multi-step onboarding, profile management, photo uploads, and reusable UI components
- Integrated Supabase Auth, database, and storage services and implemented swipe interactions, like/pass persistence, mutual-match detection, and prototype messaging using async/await

Telegram Soccer Attendance Bot

Python, python-telegram-bot, APScheduler

- Built an asynchronous Telegram bot that automates weekly soccer attendance with scheduled polls, live roster updates, a 14-player capacity, FIFO waitlisting, and automatic player promotion

SKILLS

- **Languages:** TypeScript, JavaScript, Python, SQL, C#, Swift, Kotlin, HTML/CSS
- **Frontend & Mobile:** React, Next.js, Material UI, Tailwind CSS, SwiftUI, Jetpack Compose, Razor
- **Backend & Data:** FastAPI, ASP.NET Core, .NET, Entity Framework Core, REST APIs, Supabase, PostgreSQL, SQL Server
- **Tools & Platforms:** Git, GitHub, Docker, Postman, Vercel, Railway, Linux, Xcode, WordPress