Tommy Wells

A full-stack software engineer with a passion for simplicity, scalability, and efficiency.

tommywellsrocks@gmail.com
615-957-6471
tommywells.me
github.com/TommyWellsRocks

Experience

JAN 2024 - PRESENT

Full Stack Freelance Developer

- Cut database queries by 90% with Zustand state management, boosting app efficiency.
- Secured apps with OAuth and credential-based authentication, simplifying access management across services.
- Leveraged AWS S3 for secure file storage, achieving 99.9% uptime with zero data loss.
- Setup CI/CD pipelines with GitHub Actions and Vercel, automating custom deployment workflows and reducing manual errors.
- Automated web scraping of 4,000+ exercises using Go and Python for Temple fitness app, enabling content delivery where manual processes were previously unfeasible.
- Collaborated with clients and designers to delivery user-first, full-stack solutions, earning positive feedback and repeat work.
- Reduced page load times 80% and bandwidth 70% via CDN integration.
- Developed RESTful APIs with parsing, Zod validation, and error handling, ensuring safe data collection and real-time data storage for client site analytics.

JUL 2023 - DEC 2023

Founder • Buff'd Up Coatings

- Bootstrapped a concrete coatings startup, leading market research and branding.
- Hands-on experience with suppliers and execution challenges.

JAN 2020 - MAY 2023

Founder • Desirem

- Scaled e-commerce revenue 125% annually with UX improvements and targeted ads.
- Reduced fulfillment costs 10% by optimizing inventory and distribution.

Skills

Programming Languages

Python, JavaScript, TypeScript, Go, HTML, CSS, SQL

Libraries & Frameworks

Asyncio, Express.js, Next.js, Node.js, React, Zustand, Tailwind CSS, Shadcn UI

Tools, Platforms & Databases

AWS, Docker, Git, GitHub, Netlify, Vercel, MySQL, PostgreSQL

Selected Projects

InMeasure

inmeasure.com

Developed a full-stack analytics tool providing real-time website insights, implemented with a one-line code integration for seamless adoption.

Temple

trytemple.com

Built a full-stack fitness app where users can create, track, and log workouts.

Marvelous Light Meda

marvelouslightmedia.com

Created a responsive website for a wedding videography service, reducing load times by 80% and achieving Google's top result.

Education

Self-Education In Computer Science

- Harvard Online: Object-Oriented Programming
- FreeCodeCamp: Web Development, Data Structures, and Algorithms