Rob Anthony Curtis

Full Stack Software Engineer

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PROFESSIONAL SUMMARY

I'm a **Full Stack Software Engineer** who loves building fast, scalable web applications. I specialize in turning Figma designs into pixel-perfect UIs with TypeScript, while also architecting backend systems and championing AI tools that make teams more productive. I thrive in fast-paced environments—having rotated through 3 teams, I've learned to adapt quickly and collaborate effectively. For me, it's about shipping meaningful products and writing clean code that I'm proud of (and that my teammates can actually read).

🧠 TECHNICAL SKILLS

Strong: JavaScript, React, TypeScript, NodeJS, Python, Jinja, CSS, SCSS, TailwindCSS, NextJS, HTML, FastAPI, NextJS, MongoDB

Experienced: Docker, PostgreSQL, Digital Ocean, Vitest, Pytest, Playwright, ExpressJS, GitHub Actions, Monaco, Ubuntu, AWS S3.

Tools: Git, GitHub, VS Code, Figma, Chrome Dev Tools, Photoshop, Webpack, Babel, npm, pip, poetry, bootstrap, segment

✏️ PROFESSIONAL EXPERIENCE

Full-Stack Software Engineer, Home Solutions ⧉   Aug 2022 – present | Raleigh, NC (remote)
- Independently implemented **Optimizely SDK** across multiple sites for **feature-flag testing** and A/B experimentation
- Led **Segment** analytics refactor to **class-based architecture**, improving tracking accuracy and code maintainability
- Worked on small, fast-paced teams (often 1-2 developers), **taking leadership** during transitions and driving technical decisions
- **Partnered with business leaders** to design and ship profitable form flows, driving measurable improvements in CRO
- **Pioneered AI tool adoption** (Codex, Claude Code, V0) by establishing best practices and training cross-functional teams
- Built automation tools integrating **Claude + Jira + GitHub** to streamline ticket creation and reduce manual overhead
- **Collaborated with developers to build a UAT automation app** using **Claude**, **AWS**, and **Playwright** that extracts acceptance criteria from Jira and performs automated testing on preview environments—validating content accuracy, form submissions, and network events to significantly **reduce QA overhead**
- Researched and deployed Google **reCAPTCHA v3** and evaluated **Vercel Bot Protection** for enhanced security
- Led **major site builds** including RBA landing page and Orkin site in **Payload CMS** with database migration
- Improved **Core Web Vitals from 50 to 94+** through **NextJS SSR** optimization, **Cloudflare CDN**, and strategic resource loading
- Migrated a **Python** application into a **Next.js app**, unlocking advanced user interactivity and **dynamic UX/UI** features
- Engineered scalable **REST API** with **FastAPI** and **MongoDB**
- Deployed apps on **DigitalOcean** with load balancers ensuring 100% uptime and **Vercel**
- Implemented automated testing via **Pytest** and **Vitest** and CI/CD pipeline through **GitHub Actions**
- Rotated through 3 different product teams, **mastering new tech stacks** and **collaborating with diverse engineering teams**
- **Served as onboarding lead for new engineers**, providing hands-on guidance and creating technical documentation to accelerate integration

🎓 EDUCATION

LearningFuze Accelerated Web Development Program
800+ hours of programming (~70hrs/week) in a professional work environment under mentorship from Senior Developers.

University of North Florida
Bachelor of Fine Arts, Photography

📜 COURSES & CERTIFICATES

Not Another Course CodeCoachJS ⧉

Learning Python (2021) ⧉

Building an Ubuntu Server ⧉

Learning Docker ⧉

React Hooks ⧉