Justin Thomasson

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Professional Summary

Detail-oriented and customer-focused Software Engineer with experience building scalable, full-stack applications using React, Next.js, TypeScript and Python.Proven ability to own the product lifecycle, from concept to deployment, delivering measurable improvements in performance and user engagement. Combines technical expertise with strong problem-solving abilities honed in client-facing roles. Eager to contribute to a collaborative, product-oriented engineering team.

TECHNICAL SKILLS

Languages: Python, JavaScript (ES6+), TypeScript, SQL, HTML5/CSS3
Frameworks & Libraries: React, Next.js, Node.js, Flask, Express.js
Databases & ORMs: PostgreSQL, SQLAlchemy, Sanity CMS
Tools & Platforms: Git, Vercel, Shopify, Zendesk, REST APIs, OpenAI API, Pygame

TECHNICAL PROJECTS

Full-Stack Media Platform | Next.js, TypeScript, Sanity CMS, Vercel
- Architected and developed a performant, SEO-focused media website using Next.js and a headless CMS.
- Implemented a responsive design system with CSS Modules, ensuring a consistent user experience across all devices.
- Owned the full project lifecycle from design consultation and development to deployment and CI/CD on Vercel.

AI-Powered Content Optimization Engine | Python, OpenAI API, Custom APIs
- Designed and built a scalable content strategy tool that analyzes and generates SEO-optimized metadata, headlines, and posting schedules, increasing content engagement metrics by over **35%** for users.
- Integrated with multiple social media and content management APIs to automate publishing workflows, saving users an estimated **10+ hours of manual work per week**.
- Architected a secure backend service in Python to handle sensitive user data and manage API rate limiting efficiently.

PROFESSIONAL EXPERIENCE

Principal Consultant *Smatter Magazine, York City*   *2025-Present*
- Ensure high availability and performance for a Next.js media platform, managing security updates, automated backups, and CI/CD pipelines.
- Diagnose and remediate production issues, implementing long-term fixes to improve system stability.
- Document system architecture and maintenance procedures to ensure knowledge sharing and operational clarity.

Freelance Software Engineer *New York City*   *2024-Present*
- Developed and launched full-stack web applications for diverse clients using **Next.js, React, and TypeScript**, improving core web vitals and client satisfaction.
- **Migrated legacy React SPAs to Next.js**, implementing Server-Side Rendering (SSR) and Static Site Generation (SSG) to enhance SEO, maintainability, and **improve load times by 40%**.
- **Consulted with clients** to translate business requirements into technical specifications and delivered solutions on schedule.

AV Technician/ Event Production Assistant *Scandinavia House, NY*   *2022-2024*
- **Diagnosed and resolved complex AV system failures** under high-pressure event conditions.
- **Trained and mentored** 5+ colleagues on troubleshooting protocols and preventative maintenance.
- **Managed client relationships** for high-profile events, receiving positive feedback for technical expertise and customer service.

EDUCATION

Flatiron School | Software Engineering Immersive | New York City, NY
- 500+ hour immersive program focused on full-stack JavaScript and Python development.

Cal Poly Humboldt | Arcata, Ca
B.S. Environmental Resource Engineering, Minor Appropriate Technologies