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. Passionate about leveraging data-driven development and performance optimization to create intuitive user experiences that drive business growth. Combines technical expertise with strong problem-solving abilities honed in client-facing and AV tech roles. Eager to contribute to a collaborative, product-oriented engineering team.

SELECT 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
Concepts: SSR/SSG, API Integration, Performance Optimization, Responsive Design, Agile Methodologies

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.

SaaS Analytics Dashboard | React, Flask, PostgreSQL, D3.js
- Developed a dynamic dashboard for small businesses to visualize key customer service metrics (e.g., ticket resolution time, customer satisfaction) by integrating with the Zendesk and Shopify APIs.
- Created reusable, data-visualization components with D3.js to render complex graphs and charts, enabling data-driven decision making.
- Optimized database queries and implemented pagination, reducing data load times by **60%** for large datasets.
- Collaborated with the client through an agile process to iterate on features based on user feedback.

PROFESSIONAL EXPERIENCE

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.

Customer Service Specialist *Bathhouse, NY*   *2020-2023*
- **Leveraged data analytics** from Zendesk and Shopify to identify trends in customer issues, leading to process improvements.
- **Engineered internal workflow tools** and authored comprehensive documentation, creating reusable macros that improved team-wide efficiency.
- **Advocated for the customer experience**, providing actionable product feedback to the engineering and design teams that influenced future development roadmaps.

EDUCATION

Flatiron School   New York City, NY
Software Engineering Immersive Program (Full-Stack Web Development)

Humboldt State University   Arcata, Ca
Coursework in Engineering and Appropriate Technologies