Anthony Zheng

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Technical Skills

Languages	JavaScript/TypeScript, Python, Go, PHP
Skills/Tools	HTML, CSS, Tailwind, React, Next.js, Jest, Medusa, SQL, AWS, LLMs

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Work Experience

LUMI LUMI Vision   January 2024 – Present
Co-Founder/Software Developer

- Architected and developed the company's e-commerce platform using React, TypeScript, and Next.js for the frontend hosted on Vercel, ensuring a responsive and performant user experience across devices. Frontend end-to-end-testing implemented with Puppeteer.
- Build and manage the backend using the open-source Medusa framework, hosted on DigitalOcean, with customizations to support business-specific requirements like inventory management, order processing, and user authentication. Postgres database hosted on Supabase.
- Integrated PayPal and Stripe for secure, multi-method payment processing.
- Implemented Redis caching for results of computations like price selection or tax calculations.
- Manage content storage using AWS S3.
- Connected Notification API to Mailjet for emails for automated order confirmations, shipping notifications, and customer communication.
- Attend various trade shows and conventions across the US to advocate our product and investigate new vendors/technologies to incorporate into the business.

RollWorks, a division of NextRoll   July 2021 – July 2023
Software Engineer   *San Francisco, CA*

- Brought the new automated RollWorks Workflows feature from proof-of-concept to beta release that integrates with 3rd party CRM platforms like HubSpot and Salesforce; uses React/TypeScript for the frontend, testing with Jest/React Testing Library, and Go for the backend.
- Refactored and managed numerous React/TypeScript components across the many repositories of the RollWorks B2B SaaS application, as well as shared components from the NextRoll component library, including Version 2 of the sitewide navigation sidebar component.
- Utilized AWS EMR, Apache Spark/PySpark, Airflow, Terraform, PostgreSQL, and Python to create a job to process large amounts of database snapshots stored in AWS S3 data and write the processed data to DynamoDB tables.

Nuvolum   March 2019 – July 2021

Lead Frontend Web Developer   *Petaluma, CA*

- Planned and implemented 15+ websites with an efficient React/Gatsby framework for top oral and maxillofacial surgery practices across the United States.
- Integrated AWS Amplify and Netlify CMS with React, saving developers time by allowing others to edit site content and accelerating the production of new websites and the transition of old websites to new React-based sites.
- Created Nuvolum's website: https://nuvolum.com/
- Developed more than 40 other oral and maxillofacial surgery websites using LAMP stack with jQuery, PHP, and Node.
- Created new and managed existing WordPress sites, utilizing varying themes and plugins.

Education

University of California, Los Angeles   Los Angeles, California

B.S., Chemistry/Materials Science