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ABOUT ME

At the end of 2020, my best friend inspired me to become a programmer. He knew that building and creating things was what made me come alive. Since then, I managed to create a few full-stack projects and my portfolio using online resources while maintaining a full time job in healthcare. Learning and tackling difficult problems satisfy my creative itch, and ultimately, I want to work on software that positively impacts people's lives.

TECHNICAL SKILLS

Strong: JavaScript (ES5/ES6+), Typescript, HTML/CSS, React.js, Next.js, GraphQL/Apollo, TailwindCSS, SCSS, SPA, Redux, Node.js/Express, APIs, Axios/AJAX, JSON, PostgreSQL, MongoDB/Mongoose, Git/Github, Terminal Command Line

Experienced: Python/Flask, Google Tag Manager, Postman, Adobe XD, Figma

Other: AWS (RDS, EC2, EB, S3), Netlify, Heroku, Digital Ocean, Vercel, Chrome Developer Tools, Visual Studio Code

PROFESSIONAL EXPERIENCE

Web Developer | *The Ridge*   **July 2021 - Present**
- Engineered Next.js/Typescript, TailwindCSS, Builder.io, and Netlify to build faster landing pages that can be quickly iterated by the marketing and design teams while maintaining speed performance from over a second to 500ms.
- Implemented Webpack to compile and minify Javascript and SCSS files to optimize page load speeds and to bolster a clean architecture of the codebase.
- Developed new workflows to efficiently streamline the integration and iteration of code base and third-party apps used by the marketing team to work with the integration of Webpack.
- Engineered Javascript, Jquery, and APIs to integrate features for capturing customer emails, and adding featured products in the cart when unique parameters are met.
- Collaborated with designers to improve user interface, user experience, and mobile responsiveness by adjusting SCSS and restructuring HTML/Liquid pages.
- Maintained strict version control with Bitbucket and Github through frequent and detailed code reviews.

PROJECTS

Reddityi | *Reddit-type blog clone*
- Engineered NodeJS with Typescript to construct GraphQL API's to query PostgreSQL database, handle user authentication, and to communicate with Next.js frontend by utilizing GraphQL Code Generator and Apollo.
- Integrated TypeORM to create PostgreSQL tables for users and posts, and the relationships between them to track who is voting on a certain post.
- Architected Next.js with Typescript and GraphQL/Apollo for designing the frontend, to connect to the backend to present posts, and to create rules for creating, deleting, and editing posts.
- Leveraged GraphQL Code Generator to seamlessly allow Next.js to query the backend service while maintaining type-safety with Typescript.
- Containerized NodeJS backend with Docker and deployed to DigitalOcean server using Dokku, and deployed Next.js frontend with Vercel.

E-Kars | *E-Kars is a (conceptual) full-stack e-Commerce project that sells used electric cars.*
- Architected NodeJS/Express to build RESTful API endpoints to create a server, load car products, handle user authentication, create private routes, and manage Stripe payments by implementing Express Middlewares to handle various endpoints and to maintain a separation of concerns between each piece of functionality.
- Engineered ReactJS to maximize the website's speed and responsiveness by utilizing React Router to build a single page web application.
- Integrated Redux to retrieve and supply data from MongoDB via Axios into a centralized store to orchestrate cart functionality, and to simplify the filtering feature on the products page.
- Designed a user authentication system with custom User model-methods using Mongoose to hash the user's password before saving it to the database.
- Incorporated Stripe API for secure payment at checkout for scalability and to prevent cybersecurity issues.
- Implemented custom Error Handlers to make each file cleaner and more readable.
- Deployed application to Heroku to showcase the project to other developers and receive feedback.

EDUCATION

University of California, Irvine | *Bachelor's of Arts, Public Health*

INTERESTS

Tech news | Playing electric & acoustic guitar | Audio engineering w/ Ableton | calisthenic exercises | Snowboarding