

# TYLER VARZEAS

(916) 622-9065 · [tyler.varzeas@gmail.com](mailto:tyler.varzeas@gmail.com)

Orange County, California, USA

[tylervarzeas.com](http://tylervarzeas.com)

[linkedin.com/in/tyler-varzeas](https://linkedin.com/in/tyler-varzeas)

[github.com/yungtytyler](https://github.com/yungtytyler)

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## SOFTWARE ENGINEER

Experienced Software Engineer with a strong background in application development using React.js, Next.js, and Django. Skilled problem solver with a keen eye for optimizing software performance and enhancing user experiences in large-scale applications. Proficient in JavaScript/TypeScript, Python and C#, contributing to versatile solutions across web development platforms.

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## STRENGTHS AND EXPERTISE

TypeScript

C#

Python

React.js

Next.js

Django

Microsoft Azure

PostgreSQL

Node.js

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## PROFESSIONAL EXPERIENCE

**Hampton Products International**

**Web Developer**

**July 2023 - Present**

Accomplishments:

- Directed the migration of multiple product brand websites from Shopify to custom full stack Next.js sites. Utilized Tailwind.css and Typescript to ensure superior performance and user-friendliness.
- Assisted the manager in API and databases development to feed product data from a legacy database (non-relational) to SQLServer, and serve to multiple Next.js applications.
- Orchestrated the development and deployment of a modern corporate website using Next.js and Typescript on Microsoft Azure via Azure DevOps, enhancing user experience and engagement.
- Proactively resolved issues and optimized Shopify's liquid code across e-commerce platforms, empowering marketing efforts and facilitating data-driven decision-making.

**Prime Web Solutions**

**Founder/CEO**

**October 2022 - Present**

Accomplishments:

- Founded and led Prime Web Solutions, offering comprehensive web development services to various clients.
- Developed a company portal web application for Murk Doggy Pet and Food Supply, facilitating employee login and customer information tracking based on loyalty programs. Utilized Python with Django, integrated with a PostgreSQL database, and deployed on Heroku. Additionally, completely redesigned and developed Murk Doggy's company website using Shopify, enhancing its visual appeal and functionality.
- Designed and developed a website for Crafty Mads, a startup selling custom art and trinkets. Implemented with Next.js and Tailwind CSS, with future plans to integrate ecommerce features using a PostgreSQL backend deployed on Vercel.

- Led the development and meticulous testing of innovative chemical processes, resulting in significant improvements in operational efficiency and product quality across diverse industries.
- Formulated and enforced comprehensive laboratory safety protocols, cultivating a secure environment and ensuring adherence to industry standards, thus mitigating risks effectively.
- Provided effective leadership to a team of chemists, overseeing daily operations and successfully executing various projects within designated timelines. Consistently achieved project goals while maintaining high standards of quality and efficiency.
- Mentored and trained junior chemists, imparting valuable insights and laboratory best practices, resulting in notable improvements in their performance and knowledge base.

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## **EDUCATION**

### **Nucamp Coding Bootcamp**

Courses:

- Web Development Fundamentals
- Python Fundamentals, Data Structures, and Algorithms
- SQL and Python
- Modern Software Engineering with DevOps
- Front-End Web UI Framework, Bootstrap
- Front End JavaScript Library, React
- Multiplatform Mobile App Development with React Native
- Server-side Development with NodeJS, Express and MongoDB

### **Master of Arts - Education**

National University

### **Bachelor of Science - Environmental Science**

Baylor University

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## **PERSONAL PROJECTS**

### **Find-My-Trails - React Web Application**

Full-stack hiking trail finder application utilizing React.js, Redux, and Bootstrap for frontend development. Backend powered by Node.js and MongoDB for data persistence. Integrates National Park Services public API to locate hiking trails and parks within specified states.

### **Real Estate Agent Website - Next.js Web Application**

Full-stack web application built using the Next.js framework to display and communicate information to consumers about the current listings, personal information, and contact information of a new real estate agent to provide to their clients for marketing purposes. Tailwind CSS, PostgreSQL, Heroku used for deployment.

### **Top Music Charts - Python Django Web Application**

Developed using Django web framework and PostgreSQL database management. Features user authentication, music charts by decade, song database, discussion forums, and comments functionality. Utilizes API for user interactions and client-side interface styled with HTML and CSS.