

Travis Ramos

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Software Developer & Designer

Seasoned Software Developer and Designer with over six years of industry experience. Dedicated to crafting cutting-edge solutions that not only meet but exceed customer expectations. Adept at leveraging a diverse skill set to deliver high-quality products tailored to the unique needs of clients. Known for my passion for innovation and commitment to excellence in every project undertaken.

Technical Skills

Front End - React, Redux, Remix, Gatsby, Next, TypeScript, JavaScript, HTML5, CSS3, UI Component/CSS libraries, JSON, GraphQL

Back End - Node, Express, PHP, Wordpress, Contentful, Java, SpringBoot, Python

Cloud - Azure, AWS

Design - Figma, FigJam

DB - PostgreSQL, MySQL, MongoDB, Oracle

Professional Experience

Software Developer & Designer | Waterloo Data | Remote

February 2021 - Present

- Collaborated with a diverse portfolio of clients, including OrderMyGear, Moody's Analytics, GE Healthcare, and Implentio, to deliver tailored software solutions
- Led the end-to-end development of web applications, leveraging Figma for design, React.js for frontend development, and Python and Node.js for backend functionality
- Orchestrated deployment and scalability on cloud platforms such as Azure and AWS, ensuring robustness and seamless user experiences across multiple devices and platforms
- Enhanced existing code bases by integrating new features, optimizing performance, and aligning with evolving business needs
- Designed and implemented client-facing features that elevate user experience and contribute to business growth
- Engineered data pipelines using Python and Airbyte, automating data collection processes across numerous multi-million dollar e-commerce clients and integrating them into a Snowflake warehouse
- Streamlined data organization by denormalizing information from Direct-to-Consumer (DTC), Business-to-Business (B2B), and Fulfillment services into a unified schema optimized for analytics

Full Stack Immersive Web Instructor | DigitalCrafts | Part-time

July 2022 - January 2024

- Guided and mentored students through a rigorous 26-week web development boot camp, facilitating their transformation from novice-level learners to proficient full-stack developers
- Delivered comprehensive courses covering a wide range of technologies, including HTML5, CSS3, JavaScript, Bootstrap, JSON, APIs, Node.js, Express, Git, PostgreSQL, React, and Redux
- Leveraged innovative teaching methodologies and hands-on exercises to reinforce concepts and ensure an immersive learning experience for students
- Focused on fostering a collaborative and supportive learning environment, encouraging active participation and engagement to maximize student success
- Monitored student progress and provided personalized feedback and guidance to address individual learning needs and challenges, resulting in consistently high student satisfaction and program success rates
- Collaborated with colleagues and industry professionals to continuously enhance curriculum content and adapt teaching strategies to reflect evolving industry trends and best practices

Software Developer | Southwest Airlines | Dallas, TX

May 2019 - February 2021

- Spearheaded the decomposition of a legacy monolithic web application into a modular micro-services architecture, resulting in remarkable improvements in load times of up to 90%, thereby enhancing overall system performance and user experience
- Collaborated closely with leadership, product owners, fellow technologists, and end-users to develop and prioritize software solutions aligned with both business objectives and technical requirements, fostering a deep understanding of organizational goals and priorities
- Translated complex business challenges into elegant technical solutions, particularly focusing on optimizing the aircraft maintenance team's workflow through our web application, thereby streamlining operations and improving efficiency
- Leveraged a Java ecosystem on the backend and React/Redux on the frontend to develop robust and scalable software solutions, demonstrating proficiency across the full stack and ensuring seamless integration between backend and frontend components

Software Developer Mentor | [codementor.io](https://www.codementor.io)

August 2020 - July 2022

- Provided expert guidance and mentorship to developers worldwide, offering support in problem-solving, code reviews, and technical assistance across a wide range of topics
- Leveraged deep expertise in React, Node.js, and SQL to address complex challenges and provide effective solutions, ensuring developers gained valuable insights and improved their proficiency in these key technologies
- Fostered a collaborative learning environment, encouraging open communication and knowledge sharing among mentees, and empowering them to overcome obstacles and achieve their professional goals
- Received consistently positive feedback from mentees for my patient, insightful, and effective mentoring approach, establishing a reputation as a trusted and respected mentor within the Codementor community

Application Developer IV | Bank of America | Dallas, TX

November 2018 - April 2019

- Helped with the successful migration of a legacy application from SOAP to REST architecture, leveraging modern technologies and best practices to enhance system performance and maintainability
- Designed and implemented new schemas and corresponding REST operations on the backend, ensuring seamless integration with frontend components and aligning with business requirements
- Overhauled the user interface to facilitate CRUD (Create, Read, Update, Delete) operations, enhancing user experience and enabling efficient data management in accordance with business requests
- Demonstrated proficiency in the Java ecosystem on the backend and React on the frontend, leveraging these technologies to deliver robust, scalable, and user-friendly software solutions that met and exceeded organizational objectives

Contract Developer Work | Timbergrove

August 2018 - October 2018

- Contributed as a key member of a dynamic 4-person team tasked with developing the user interface for a cutting-edge beer keg dispenser system, designed to monitor flow rates during special events
- Led the design and implementation of a fully mobile-responsive layout, ensuring seamless user interaction across various devices and screen sizes
- Orchestrated the routing of information from the database to the frontend, optimizing data flow and ensuring real-time updates for users
- Employed React/Redux on the frontend and Node.js on the backend, harnessing the power of these technologies to deliver a robust, scalable, and feature-rich application
- Leveraged PostgreSQL as the database of choice, ensuring data integrity and reliability for critical system operations

Other Projects

Waterloo Data

- Website build for Waterloo Data
- Built with Webflow

Superior Concrete Products | Repo is Private

- Website build for Superior Concrete Products
- Built with Gatsby.js, Contentful, GraphQL, and hosted on Netlify

Education

*Sam Houston State University | B.A. in Economics & International Business | Huntsville, TX
May 2017*

*DigitalCrafts | Certificate in Software Engineering | Houston, TX
June 2018 - October 2018*

- Software engineering training program covering full-stack development including, but not limited to JavaScript, Python, including an emphasis on cutting-edge frameworks like React/Redux and server-side technologies including Node.js, Express, and PostgreSQL

Certifications

- Microsoft Certified: Azure Fundamentals
- Microsoft Certified: Azure Data Fundamentals