

# Westley Cervantes

Harrison, Tennessee

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## SUMMARY

Results-driven professional with a solid foundation in electrical work and welding, now transitioning into a dynamic career in software development. Possesses a strong track record of collaborating effectively with diverse teams, ensuring project success through meticulous attention to detail and adherence to deadlines. Demonstrates proficiency in problem-solving and critical thinking, honed through years of hands-on experience in troubleshooting and resolving complex technical issues. Excited to leverage technical acumen and a passion for learning to contribute to innovative software solutions and drive business growth in the tech industry.

## TECHNICAL SKILLS

Agile Development | AJAX | API design and Integration | Apollo | Axios | Bootstrap | Bulma | CSS | CRUD | Database Management | Express | Fetch | Git | GitHub | GitLab | GraphQL | Handlebars.js | Heroku | HTML | IndexedDB | Insomnia | Javascript | Jest | JQuery | JSON | JSON Web Tokens (JWT) | JSX | MongoDB | MongoDBCompass | Mongoose | MVC | MySQL | Netlify | NoSQL | NodeJS | NPM | Object-Oriented Programming (OOP) | Progressive Web Applications (PWA) | React | React Testing Library | Redux | Render | Sequelize | Software Development Life Cycle (SDLC) | Test-Driven Development (TDD) | Version Control Systems | Vite | Vitest | Webpack

## RELATED EXPERIENCE

### **Google Books Search Engine | [Github.com/google-books-api-search-engine](https://github.com/wacwestley30/google-books-api-search-engine) | [App Deployed on Render](#)**

- Created a full-stack application integrating a document-based database using MongoDB, utilizing Mongoose to create schemas and manage data. This application enhances user experience by allowing users to search for and save books from the Google Books API, providing a seamless and efficient way to manage their book collections.
- Developed the front-end using React and Apollo Client to handle GraphQL queries and mutations, ensuring efficient data fetching and state management. Implemented JWT user authentication features, enabling users to sign up, log in, and manage their saved books. Book images link directly to detailed Google Books pages, enhancing the overall user experience.
- Tools / languages used: Express, MongoDB, Mongoose, React, Apollo Client, Vite, and JWT.

### **Social Media API | [Github.com/Social-Media-API](https://github.com/wacwestley30/social-media-api) | [Link to App Video](#)**

- Developed a document-based API using Express, MongoDB, and Mongoose, showcasing proficiency in non-relational database design, schema generation, and RESTful API development, essential for modern back-end development.
- Implemented and tested CRUD functionality using Insomnia and NPM scripts, ensuring thorough validation, seamless server management, and efficient workflow processes.
- Tools / languages used: Express, MongoDB, Mongoose, Insomnia, and NPM.

### **E-Commerce Back-End App | [Github.com/E-Commerce-Back-End-App](https://github.com/wacwestley30/e-commerce-back-end-app) | [Link to App Video](#)**

- This app uses MySQL to create Categories, Products and Tags for an E-Commerce site. All testing in the video provided is done through the app Insomnia.
- Implemented functionalities for creating, reading, updating, and deleting (CRUD) Categories, Products, and Tags for an E-Commerce site. All end point testing handled via Insomnia.
- Tools / languages used: Express.js, MySQL, MySQL2, Sequelize, and Dotenv

## ADDITIONAL EXPERIENCE

### Teammate | Welder

06/2022 – 12/2023

#### Volkswagen Group of America

Chattanooga, TN

- Diligently collaborated with multiple departments, resulting in a 15% increase in production efficiency and a 10% reduction in equipment downtime.
- Meticulously trained over 10 employees, resulting in a 25% decrease in workplace accidents over six months.
- Promptly identified and reported over 50 defects, earning five commendations and contributing to a 20% increase in overall product quality.

### Teammate | Welder

12/2021 – 06/2022

#### Onin Staffing

Chattanooga, TN

- Dynamically engaged in multiple roles at the Volkswagen Chattanooga assembly plant through a temp agency, gaining extensive hands-on experience in manufacturing processes, problem-solving, and maintaining equipment.
- Consistently utilized opportunities for continuous learning and skill development, effectively adapting to new technologies and methodologies, enhancing team productivity by 15%.
- Quickly promoted to a permanent position at Volkswagen within six months, demonstrating exceptional performance and achieving this milestone 50% faster than the average tenure for previous hires.

### Journeyman Electrician

01/2018 – 01/2020

#### Adman Electric, Inc.

Chattanooga, TN

- Successfully transitioned from apprentice to skilled professional over a 5 year apprenticeship, demonstrating unwavering dedication to lifelong learning and readiness for new challenges.
- Efficiently applied critical thinking and problem-solving skills to diagnose and resolve electrical issues, improving overall job efficiency by 25%.
- Proactively demonstrated commitment to continuous learning by staying updated on industry trends and regulations, ensuring 100% compliance with safety standards.
- Effectively mentored apprentices, sharing critical knowledge and expertise to support their professional growth, contributing to a 20% improvement in team performance.

### Apprentice Electrician

06/2015 – 01/2018

#### NABCO Electric Company, Inc.

Chattanooga, TN

- Earnestly completed a 5-year Journeyman Wireman Apprenticeship program, acquiring in-depth expertise in electrical systems installation, maintenance, and troubleshooting across various commercial and industrial settings.
- Methodically completed 8000 hours of on-the-job training, efficiently translating theoretical knowledge into real-world applications, resulting in a 5-15% improvement in project completion times.
- Studiously completed 900 hours of related study, reinforcing essential trade skills and theories through twice-weekly classroom sessions, resulting in a 12% improvement in technical proficiency.

## EDUCATION

### Full Stack Web Development Boot Camp Certificate

12/2023 – 06/2024

#### Vanderbilt University

Nashville, TN

Completed intensive 24-week Coding Boot Camp, specializing in full-stack web development. Mastered essential technologies including HTML5, CSS3, JavaScript, JQuery, Bootstrap, MySQL, MongoDB, Express.js, React.js, and NodeJS. Gained hands-on experience through collaborative real-world projects, enhancing skills in both front-end and back-end development.

### Industrial Electricity TCAT Certificate

06/2015 – 06/2020

#### Chattanooga State Community College

Chattanooga, TN

5-year Systematic Program of learning, 8000 Hours of On-The-Job Training, 900 hours of Related Study (minimum), and finishing with a state license as a Journeyman Wireman.