Christopher Zavala

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LinkedIn: /ChristopherZavala| GitHub: /ChristopherZavala | Portfolio: GitHub: /ChristopherZavala

HIGHLIGHTS

- Hyper-focused on engineering and details
- Strong work ethic and dependability
- Maintain and navigate complex timelines
- Focused on delivering high end products
- Experience training and managing multiple engineers
- 10⁺ years in engineering process and operations

TECHNICAL SKILLS

- Oscilloscopes, Logic Analyzers, Function Generators, Multimeters, Spectrum Analyzers
- JavaScript, HTML and CSS, jQuery, Bootstrap, Handlebars, Web APIs, Third-Party APIs, Node.js, MySQL, MongoDB, Express.js, React.js, Tailwind, C, C++, Assembly, Verilog, VHDL, Python

PROJECTS

Plan Tracker | Written link to GitHub | Written link to deployed project
- Summary: Plan Tracker is a web-based application offering client management services to personal trainers
- Role: Front End/Back End
- Tools: React, JavaScript, Mongoose, Graphql, CSS, Bootstrap, Node.js, Express, MongoDB

CineMe | Written link to GitHub | Written link to deployed project
- Summary: CineMe is an app that personalizes the user experience by creating your own personal watchlist.
- Role: Sole Author
- Tools: JavaScript, MySQL, Handlebars, API, Bulma

Drinks R Us | Written link to GitHub | Written ink to deployed project
- Summary: Alcohol, Ingredients, or Cocktail Name search engine.
- Role: Back End
- Tools: Web API, Bulma, JavaScript, CSS, HTML
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The MVC Tech Blog | Written link to GitHub | Written link to deployed project
- Summary: This app allows users to post blog posts and comment to other developers in the industry.
- Role: Sole Author
- Tools: Full Stack application: Express, Handlebars, MySQL, Node.js, JavaScript

Weather Dashboard | Written link to GitHub | Written ink to deployed project
- Summary: Weather app that provides current and future weather forecasts for the city of the user's choice.
- Role: Sole Author
- Tools: Web API, Bulma, JavaScript, CSS, HTML

PLATFORM SUPPORT TECHNICIAN | July 2021-September 2022
Intel Corp, (Austin, TX)
- In-depth familiarity with Intel computer/server hardware architecture.
- Assembling various computer systems using various hardware components.
- Debugging issues in the computer systems to have these systems functioning for engineering testing.
- Test and measurement equipment to perform quick checks with oscilloscopes, logic analyzer, network analyzers, power meters and associated probes and cables.

SYSTEM ENGINEER | July 2013 - March 2020
BOXX Technologies, (Austin, TX)
- In-depth Management of ODM and OEM partners for product development. Development of engineering schedules and processes for successful delivery of products.
- Developed product test strategies and manufacturing requirements, product manufacturing qualifications and functional yield improvement of all products.
- Used multimeters and oscilloscopes to individual test components on motherboards and other IC devices.
- Performed integrated circuit development work requiring comprehensive knowledge of integrated circuit theory and design.

SOFTWARE ENGINEER | July 2010 - March 2012
General Dynamics C4 Systems (Scottsdale, AZ)
- Lead Integration & Test Engineer for the Taclane Multibook Project.
- Performs detailed design and test of software, electrical, or mechanical components or subsystems.
- Plans, designs, develops, and tests software systems or applications for software enhancements and new products.
- Researches, designs, and develops computer software systems, in conjunction with hardware product development, applying principles and techniques of computer science, engineering, and mathematical analysis.
- Designs, develops, operates, maintains, and documents software to be applied to engineering, scientific, and manufacturing requirements.
- Applies the appropriate standards, processes, procedures, and tools throughout the system development life cycle to support the generation of technical engineering products.
- Contribute to the software developmental process and writing software for mission critical components for projects.
- Contributed to the software development for the Taclane Multibook Project.

LANGUAGES: English and fluent/conversational Spanish
REFERENCES: Available upon request

EDUCATION

FULL STACK WEB DEVELOPMENT CODING BOOTCAMP | March 2023
University of Texas at Austin

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING | May 2010
University of Texas at San Antonio