

Carlos Cortes Escobar

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TECHNICAL SKILLS

Front End | TypeScript, React, Svelte, Tailwind, Bootstrap, HTML, CSS, jQuery

Back End | Python, C, C++, C#, Java, Rust, Node.js, .NET, GraphQL, SQL, Redis, RESTful APIs

Mobile | Swift, SwiftUI, React Native, Kotlin, Xcode, Android Studio

Testing/Deployment | Jest, Selenium, NUnit, XCTest, Playwright, GitHub Actions, AWS, Azure

Design Tools | Adobe Photoshop, Adobe Illustrator, Sketch, Figma, Webflow

Developer Tools | IDEs, Docker, Git, npm, Bun, Jira, Agile, Scrum, TDD, Artificial Intelligence

Data Science | Python Data Libraries, Jupyter, MATLAB, R, PowerBI, TensorFlow

EXPERIENCE & PROJECTS

Full Stack Software Engineer | Steam Information Nexus

September 2022 - June 2023

Year long software engineering senior capstone

.NET | C# | JavaScript | SQL | Jest

- Collaborated with 3 peers to build a fully optimized custom gaming platform to use along STEAM
- Built custom API endpoints for use within platform along with efficient queries using LINQ
- Designed the overall layout of the platform along with custom asset creation
- Implemented a sleek messaging system for users on the platform
- Mentored peer engineers on front-end and back-end development and best practices

Mobile Software Developer | Oregon Turtles

April 2022 - June 2023

Cross-platform app development for turtle conservation

.NET | C# | Xamarin | MAUI | CSS

- Coacted with several professors and biologists alike to develop a more streamlined method to observe and conduct analysis on the turtle population in Oregon
- Responsible for curating the most innovative front-facing design that would be seen by every user and biologist of the mobile application
- Assisted fellow developers in implementing creative and attractive user interfaces for both web and mobile sides of the app, through the use of custom HTML, CSS, and XML
- Planned ahead and reconfigured project using MAUI for future adaptability, rebuilt app from the ground up

Back-End Software Engineer | StockGPT

January 2023 - Present

Experimental stock trading automation via sentiment analysis

ChatGPT | Python | Node.js | Fintech

- Utilizing artificial intelligence tools like ChatGPT and Python's web scraping libraries to develop a day-trading bot with minimal supervision, back-testing using ThinkOrSwim paper trading platform
- Providing easy performance tracking through a private iOS application built using Swift
- Built to run in the background, consistently gathering new market intel to analyze, efficiently and inexpensively

Freelance Web Developer | CONTRA MEDIA

July 2023 - Present

Interactive, exciting, and responsive websites built using the latest technologies

Photoshop | Illustrator

E-commerce Storefront Designer | CONTRA MEDIA

July 2023 - Present

Creating and selling one-of-a-kind store themes for Shopify

Liquid | HTML | CSS | JavaScript

EDUCATION

Western Oregon University - Bachelors of Science, Computer Science 3.8 GPA