

# Carlos Cortes Escobar

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## TECHNICAL SKILLS

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**Front End** | JavaScript, HTML, CSS, React, Svelte, Tailwind, Bootstrap, jQuery, Angular  
**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, MAUI  
**Design Tools** | Adobe Photoshop, Adobe Illustrator, Sketch, Figma, Webflow  
**Testing/Deployment** | Jest, Selenium, NUnit, XCTest, Playwright, GitHub Actions, AWS, Azure  
**Developer Tools** | IDEs, Docker, Git, npm, Bun, Jira, Agile, Scrum, TDD, Artificial Intelligence  
**Data Science** | Python Data Libraries, Jupyter, MATLAB, R, Power BI, TensorFlow

## EXPERIENCE & PROJECTS

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### Application Developer | CCL Healthcare

April 2024 - Present

*Developing custom software to support the label printing industry*

Linux | ABL | .NET | Angular

- Collaborated with software engineers at separate CCL sites to deliver custom applications to be used by thousands of CCL employees across the United States
- Pushed out timely updates and upgrades to the existing software infrastructure to boost management's efficiency
- Consistently migrated features from existing outdated terminal-level software to more user-friendly fail safe web solutions
- Met with site controllers to develop software solutions pertaining to cost, convenience, and specific requirements
- Handled various hardware and software troubleshooting and repairs when needed daily

### 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

### 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

### 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 run in the background

## EDUCATION

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Western Oregon University - Bachelors of Science, Computer Science 4.0 GPA