

# Carlos Cuba

Software Engineer

[LinkedIn](#) | [GitHub](#) | [Medium](#) | [Website](#)

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Open to Remote | Hybrid | Onsite

## SUMMARY

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Experienced Software Engineer with a broad and deep technical knowledge of over 6 years of experience in full stack development, a proven record of optimizing applications, maintaining the highest standards of protection and availability. Demonstrated leadership in excellent communication skills, planning and time management, streamlining data flow for software solutions across the SDLC, facilitating support for modern application architecture, content management, and ensuring optimization in reducing database transaction times, while maintaining scalability and resilience.

## SKILLS

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**Frontend:** CSS3, HTML5, JavaScript, TypeScript, React, NextJS, Redux, Context, Angular, Ember, Blazor, SCSS, Tailwind, Typescript, jQuery, Wireframes, Semantic HTML, WCAG, UX/UI.

**Backend:** Azure Portal, NodeJS, Express, Apollo GraphQL, PHP, SQL, noSQL, SQLite, PostgreSQL, Python, Django, Simple JWT, Java, Spring Boot, Terraform, C#, .NET.

**Testing and Quality Assurance:** Lint, Jest, React Testing Library, Unit Testing, E2E Testing, Integration Testing.

**DevOps, Deployment, Packaging:** Azure Portal, Bitbucket Pipelines, Docker, Webpack, Vercel, Maven.

**Version Control and Collaboration:** Azure DevOps, Bitbucket, GIT, Github, Agile, Scrum, Confluence, Jira, Slack, Zoom, Figma, Adobe XD, Sketch, draw.io, Gsuite, Teams, VSCode, Microsoft Office, Outlook.

## EXPERIENCE

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### Software Engineer / Full Stack Engineer

General Electric

Apr '22 – Dec '24

Remote, United States

- Collaborated with cross-functional, diverse organizations and teams to develop and optimize our storefront applications across more than 15 microservices in our distributed system, fostering stability and performance, resulting in an impressive reach of up to 3 million page visits per month to a customer base of 100,000 users.
- Managed day-to-day activities of the approval rules system, taking end-to-end leadership in overseeing performance, dependencies, API design patterns, operations and deployment plans, managing Kubernetes keyvaults for efficient password protection, leveraging Kafka as a service bus for data messaging and schema strategies, and facilitating database management through automation tools and workflows, effectively reducing complexity and improving performance, while also mentoring engineering peers via knowledge transfers and documentation to keep the project organized and efficient, referencing its new operations and specs. This resulted in reduced database transaction times to 300ms, heavily improving its automated process.
- Proactively led a critical company-wide clone and cleanse initiative within my organization that enhanced repository and project support and database cleanup processes, achieving a 25% increase in transaction speed across Aerospace, Vernova, and Healthcare storefronts, effectively contributing to their overall technical direction.

### Software Developer

CodeParticle, Inc.

Feb '21 – Apr '22

Remote, United States

- Performed engineering design evaluations and code reviews with peers, ensuring proper execution of our projects against delivery commitments, facilitating the development, testing and deployment of several digital solutions, including the CrowdStrike Falcon platform, resulting in higher functionality, web accessibility and security.
- Collaborated with product owners, project managers, and developers to implement and improve the front-end interfaces, dashboards and backend integration of software like CastVoices, significantly improving the interface for recruiters and hiring managers, leading to a 20% enhancement in talent acquisition and recruiting efficiency.

### Web Developer

Belzona, Inc.

May '20 – Feb '21

Miami Lakes, FL United States

- Responsible for production operations support by using PHP, Advanced Custom Fields, Adobe XD and Figma mockups to strategically enhance visual solutions and product placement at the homepage, ensuring availability,

stability and performance of our web application, following modern technology practices and maintaining a strict roadmap alignment for reliable releases, improving the UI/UX and resulting in 15% increased sales.

## **Wordpress Developer**

Belzona Boats

Oct '19 – Feb '21  
Doral, FL United States

- Responsible for seeking ways to simplify and standardize responsive designs while maintaining and enhancing the technical architecture using Adobe XD and draw.io, as well as taking care of the automation of our Wordpress CMS, its operations, and deployment strategies, leveraging CSS3 animations to enhance the front end and user interface making it more intuitive and user friendly, resulting in a 20% traffic increase, 15% conversion rate boost, superior user experience, and significant revenue growth.

## **Web Applications Developer Intern**

CodeParticle, Inc.

Aug '18 – Mar '19  
Miami, FL United States

- Optimized front end user experience, testing, analytics, rendering and data efficiency through development in modern JavaScript frameworks, API calls and state management on the website and conducting continuous testing for user interfaces and interactive web applications like the Horizen Zen wallet, achieving a 25% system performance enhancement and 30% user satisfaction boost.
- Attained a strong understanding of software architecture and the Software Development Life Cycle (SDLC), learning cloud infrastructure concepts, platforms, technologies and monitoring concepts in an agile development environment using project management tools like JIRA, engineering fundamentals for version control, CI/CD, and containerization with Docker, facilitating higher maintainability and continuous improvement of different software projects and web-based solutions.

## **Computer Lab Technician**

Miami Dade College

Jan '14 – Oct '19  
Miami, FL United States

- Provided support, troubleshooting and technical training for MDC faculty, staff, and administrators on enterprise systems, applications, and training programs, enhancing leadership development and operational efficiency.

## **EDUCATION**

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### **MS in Computer Science**, Florida Atlantic University (GPA: 4.0) – Boca Raton, United States

- Completed a Master in Computer Science with a concentration on software development principles, embedded systems, embedded system applications and mobile apps development for iOS and Android via Ionic, contributing to a solid foundation for solving complex programming challenges.

### **BS in Information Technology**, Florida International University (GPA: 3.95) – Miami, United States

- Earned a Bachelor of Information Technology degree, providing a solid foundation in software development principles, data structures, database management, and network infrastructure.

### **AA in Computer Science**, Miami Dade College (GPA: 3.83) – Miami, United States

- Earned an Associate in Computer Science, emphasizing proficiency in foundational programming principles and software development practices.

## **PROJECTS**

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### [gfcf14's Art Portfolio](#)

- A simple Blazor web application to display artworks served by a ASP.NET web service which fetches them from a database using EFCore. Includes basic Auth via BCrypt.

### [WebDevToons Webcomic Viewer](#)

- A simple Angular web application to display webcomic posts served by a Spring Boot web service which fetches them from a database using JPA, Hibernate, and Spring Data. Includes basic Auth via BCrypt.

### [Taskify](#)

- A simple web application done in Python/Django, Simple JWT, and PostgreSQL in the backend and React Vite in the frontend which supports authentication, project and task creation, both modifiable to indicate status of completion.

### [GreenDream Redesign](#)

- Redesign of my personal website using NextJS and Typescript for development and SQLite for database management, hosted in Vercel.

### [React GraphQL Node Mongo Boilerplate](#)

- An application that presents a basic distributed system architecture with ReactJS and Typescript as the frontend, NodeJS and GraphQL as the middleware, NodeJS and Express as the backend, and MongoDB as the database.