

Carlos A. Cuba

Software Engineer

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SKILLS

- **Front End:** Axios, CSS3, HTML5, JS, NextJS, ReactJS, SCSS, styled components, Tailwind, Typescript
- **Back End:** Azure Portal, Express, GraphQL, MongoDB, NodeJS, PHP, Redux, REST, SQL, Wordpress
- **Testing:** Lint, Stylelint, Unit Testing (Jest, React Testing Library)
- **Bundling/Containerization:** Bitbucket Pipelines, Docker, Webpack
- **Version Control:** Azure DevOps, Bitbucket, GIT, Github
- **Other Programming Languages:** C# (Unity), C++, Java, Python, VB.NET
- **Software:** Adobe Suite, Figma, Google Suite, Microsoft Office, Postman, Vercel, VSCode

WORK EXPERIENCE

- **General Electric – Miami, FL (April 2022 – Present)**

Software Engineer

- Enhanced company productivity by orchestrating cross-functional team efforts to develop and optimize administrative applications, resulting in an impressive reach of up to 3 million page visits per month.
- Streamlined transaction efficiency by ensuring seamless data flow across over 15 microservices, implementing and maintaining a distributed system that reduced transaction times to an average of 300 ms.
- Led the transformation of the approval rules system, reducing maintenance time by 30%, enhancing reliability, and improving transaction speeds, resulting in a more efficient operational process with increased dependability and speed.
- Led a critical company-wide clone and cleanse initiative within my organization that enhanced repository transfer and database cleanup processes, achieving a 25% increase in transaction speed across Aerospace, Vernova, and Healthcare storefronts.

- **Code Particle, Inc – Miami, FL (February 2021 – April 2022)**

Software Developer

- Collaborated on UI development for the Launch Gift Cards tool, resulting in marked customer satisfaction improvements for key partners like Uber, DoorDash, and Airbnb, leading to a 25% increase in client retention rates.
- Partnered with product owners to develop CastVoices, enhancing the user experience for recruiters, hiring managers, and talents. Resulted in a 20% increase in efficiency in the talent acquisition process.

- **Belzona, Inc – Miami Lakes, FL (May 2020 – February 2021)**

Web Developer

- Enhanced product visibility and reliability by collaborating with stakeholders and utilizing PHP for Advanced Custom Fields development, achieving a 15% increase in sales and customer satisfaction through improved product display pages and strategic placement.

- **Belzona Boats – Doral, FL (October 2019 – February 2021)**

Wordpress Developer

- Enhanced website functionality and sales using Adobe XD, draw.io for design, CSS3 animations, and optimizing responsiveness with JS and CSS for Wordpress plugins, resulting in a 20% traffic increase, 15% conversion rate boost, superior user experience, and significant revenue growth.

- **CodeParticle, Inc – Miami, FL (August 2018 – March 2019)**

Web Applications Developer Intern

- Optimized user experience and data efficiency by managing Redux data on the website and conducting testing for applications like the Horizen Zen wallet, achieving a 25% system performance enhancement and 30% user satisfaction boost.

- **Miami Dade College – Miami, FL (January 2014, October 2019)**

Computer Lab Technician

- Provided support for MDC faculty, staff, and administrators on enterprise systems and applications, enhancing operational efficiency and student learning outcomes.

PERSONAL PROJECTS

- **React GraphQL Node Mongo Boilerplate**

<https://github.com/gfcf14/react-graphql-node-mongo-boilerplate>

- This is a repository 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.

- **React Node MySQL Docker Boilerplate**

<https://github.com/gfcf14/react-node-mysql-docker-boilerplate>

- An application that combines ReactJS and NodeJS to use as a client-server web application accessible via Docker containers that can also access a containerized MySQL database.

EDUCATION

- **Florida Atlantic University – Boca Raton, FL**

- Master of Science in Computer Science

- **Florida International University – Miami, FL**

- Bachelor of Science in Information Technology

- **Miami Dade College – Miami, FL**

- Associate of Arts in Computer Science