

# Ruben Dominguez

**Location:** Florida

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## Professional Summary

Dynamic and results-driven IT Programmer Analyst with a robust history of driving automation and efficiency within the energy and engineering sectors. Highly skilled in the development and implementation of cutting-edge technologies that exceed client expectations. Expertise spans across full-stack web development, automation testing, and comprehensive project management. Known for a proactive approach in streamlining processes and optimizing performance, ensuring the delivery of projects on time and within budget constraints.

Possesses strong analytical and problem-solving abilities, with a knack for identifying issues and devising effective solutions. Collaborative by nature, with a proven ability to work seamlessly with cross-functional teams, fostering a culture of innovation and excellence. Demonstrated capability in adhering to coding standards, managing repositories, and maintaining best practices.

Driven by a passion for technology and a commitment to continuous learning, I am adept at participating in brainstorming sessions, conducting code reviews, and engaging in sprint ceremonies. Eager to bring my skills and expertise to forward-thinking organizations where I can contribute to the development of advanced technologies and drive impactful outcomes.

## Skills

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- **Programming Languages:** JavaScript, TypeScript, Java, C#, SQL, Node.js, Python
- **Web Development:** React, Redux, HTML, CSS, JavaScript/TypeScript, Single-Page Applications, Model-View-Controller Design Pattern
- **Frameworks & Libraries:** React.js, Redux, Firebase, Node.js, Material UI
- **Database Management:** PostgreSQL, SQL Server, MongoDB
- **Automation Testing:** WebDriverIO, Cucumber/Mocha, Unit, Component, Integration, End-to-End Testing
- **Version Control & Collaboration:** Git, GitHub, Source Control, Issue Tracking, Functional Feedback
- **CI/CD & DevOps:** Continuous Integration/Continuous Delivery, Orchestrating Services, Automated Testing
- **Agile Methodologies:** Backlog grooming, sprint planning, standup meetings, retrospectives
- **Project Management:** Timelines management, task prioritization, high-quality results
- **Technical Documentation:** Code comments, project specifications
- **Problem Solving:** Analytical, troubleshooting, effective solutions
- **Communication:** Verbal and written, technical and non-technical stakeholders

## Education

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Full-Stack Web Development Bootcamp (June 2025 - November 2025)  
University of Central Florida

- Proficiency in HTML, CSS, JavaScript, TypeScript, Node.js, SQL, MongoDB, Python, React
- Developed visually compelling interactive page layouts
- Created single-page React applications with RESTful routes and CRUD operations
- Built AI-assisted prompt engineering applications
- Applied object-oriented programming concepts in Node.js and Python
- Implemented SQL and NoSQL databases for data persistence
- Ran unit, component, integration, and end-to-end tests
- Automated continuous integration and delivery pipelines
- Applied social coding standards for source control and issue tracking
- Collaborated on complex projects as a teammate and independent contributor

Bachelor of Science in Information Technology  
University of Phoenix, 2020

## Professional Experience

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### NextEra Energy Resources

*IT Programmer Analyst* | April 2022 – Present

- Enhanced CRM regression suite with test scripts.
- Developed custom validations and XPath's.
- Implemented reusable methods for iFrames and page reloads.
- Integrated AWS Secret Manager and Dockerized projects.
- Led Demo meetings, sprint ceremonies, and production Release calls.
- Managed code reviews and Jira tickets for bugs/errors.
- Redesigned the architecture of parallel execution, reducing CRM full regression time by 60% and LAND full regression time by 65%.
- Developed a centralized report archive using PERN stack with TypeScript and Material UI, improving transparency and collaboration.

### Viable Engineering Solutions

*React Developer* | Oct 2020 – April 2022

- Developed full-stack applications using React, Redux, TypeScript, C#, Firebase, PostgreSQL.
- Created RESTful APIs and integrated third-party services.
- Ensured code quality, performance, and efficient debugging.
- Contributed to architectural design and technical guidance.

## Key Achievements

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- **Optimization:** Increased team productivity by 20% with a new web application.
- **Authentication:** Reduced login time by 30% through Firebase authentication.
- **Collaboration:** Enabled seamless collaboration with real-time data synchronization.
- **Performance:** Decreased load times by 40% via optimized database queries.
- **Maintainability:** Improved code maintainability by 25% through TypeScript migration.
- **Efficiency:** Reduced CRM regression suite execution time by 60% and LAND regression time by 65% (NextEra Energy).
- **Innovation:** Delivered a clean, professional, and mobile-responsive front-end application with Body Boss (UCF Bootcamp).
- **Transparency:** Developed "TestNest," a centralized report archive, improving transparency and collaboration within the team (NextEra Energy).

## Selected Projects

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### TestNest

- Developed a centralized report archive using PERN stack with TypeScript and Material UI.
- Improved transparency, collaboration, and efficiency by providing Scrum Masters, Business Analysts, and Developers with the latest regression reports.

### Project Management Dashboard

- Built with React, Redux, TypeScript for real-time project insights.
- Integrated user authentication/authorization with Firebase.
- Automated task scheduling and time tracking with third-party APIs.

### Inventory Management System

- Developed scalable system using React, Redux, C#/.NET Core.
- Created RESTful APIs for inventory management.
- Implemented real-time alerts with Firebase Cloud Messaging.