Jason Cordova

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EDUCATION

New Jersey Institute of Technology — **Newark, NJ**
BS in Computer Science — *Magna Cum Laude (3.7 GPA)*

WORK EXPERIENCE

Broadridge Financial Solutions — **Newark, NJ**
Software Quality Assurance Intern — *June 2024 – Aug 2024*
- Automated test cases using Java, Selenium, Serenity, Cucumber and Gherkin in an Agile environment.
- Reduced test case errors by 70% by triaging failures and debugging issues within a Java Spring Boot codebase.
- Delivered hands-on training to newly hired QA engineers, accelerating their proficiency in AWS services and internal QA tools.
- Maintained and optimized data pipeline supporting thousands of user test cases, ensuring scalability, reliability, and code reusability using Maven, JIRA, and Xray.

Harmon Face Values — **Totowa, NJ**
Supply Chain Analyst & Engineer — *June 2022 – July 2022*
- Analyzed warehouse productivity data using IBM Cognos to assess performance gaps across multiple branch locations.
- Processed 5,000+ daily work & sales records to build key point indicators to inform leadership on inventory and labor efficiency.
- Monitored warehouse operations and proposed new data-driven solutions, improving workplace efficiency by 13% and advocated these solutions through weekly team meetings.

Freelance Web Developer — ***September 2020 – Present***
- Designed and developed custom web applications using React.js, Next.js, and Google Firebase, delivering scalable and SEO optimized solutions tailored to client needs.

PROJECTS

RDE Medical Adherence Application | *AWS EC2, MySQL, Adobe Coldfusion*
- Engineered a cloud-based web application as a capstone project to improve medical adherence for patients, utilizing Amazon EC2 for server infrastructure, MySQL for database management, and Adobe ColdFusion for backend functionality.
- Collaborated with a cross-functional Agile team to provide an intuitive patient dashboard for scheduling, managing, and tracking medication reminders in compliance with RDE and healthcare standards.

Waylink | *Spring Boot, PostgreSQL, Docker, WebSockets, RESTful APIs*
- Developed a RESTful API for a URL Shortener service with Spring Boot and PostgreSQL, featuring oAuth2 user authentication, access control protocols via Spring Security, and an MVC architecture for scalable design.
- Containerized the application with Docker for consistent deployments and integrated WebSockets to deliver real-time data analytics on URL clicks and user activity.

Marelli | *SQL, PHP, HTML, CSS, GitHub Actions*
- Developed an e-commerce platform simulating real-world functionality including handling hashed passwords and payment credentials.
- Enhanced security and managed relational databases containing inventory, users, and transactions using SQL and PHP.
- Automated CI/CD pipelines via GitHub Actions to construct automated workflows, run build tests, and deploy directly from GitHub.

SKILLS

Languages: C++, C#, C, Python, PHP, SQL, Java, Lua, HTML, CSS, JavaScript, AJAX, Bash, Kotlin

Other(s): Spring Boot, React, Node.js, Docker, AWS, Amazon EC2, RESTful APIs, WebSockets, Git, Maven, Jenkins, GitHub Actions, Selenium, Serenity, Cucumber, Gherkin, JIRA, Xray, Confluence, UNIX, AI/ML, PyTorch, Agile, SCRUM, Jest, ORM, JPA, Hibernate

AWARDS

NJIT Dean's List — *September 2020 – June 2025*
Maintained a GPA of 3.00 or better after completing 12 or more credits per semester.

2nd Place Senior Capstone Project — *May 2025*
Awarded for our Capstone Project under RDE Systems for developing a medical adherence application.