

# Carleton Cabarrus Jr.

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Application Developer | Full Stack Engineer | Azure DevOps Specialist

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## PROFESSIONAL SUMMARY

- Application Developer with 5 + years of experience building and deploying secure, scalable enterprise applications in financial, logistics, and government domains.
- Skilled in architecting full-stack, microservice-based solutions using .NET Core, Angular, and Spring Boot within Agile Scrum environments.
- Hands-on expertise automating delivery through Azure DevOps Pipelines, Docker, and OpenShift, ensuring reliable CI/CD and minimal downtime.
- Strong proficiency in frontend frameworks (Angular, React) and backend stacks (C#, Java, Spring Boot) that drive maintainable and testable code.
- Experienced in implementing authentication & authorization via Azure Active Directory B2C and OAuth2 to enhance system security.
- Collaborative contributor who partners with UX, QA, and DevOps teams to deliver high-quality releases under aggressive deadlines.
- Dedicated to clean architecture, documentation, and continuous improvement that align software delivery with business objectives.

## EDUCATION:

- Virginia Commonwealth University — Bachelor's Degree in Information Systems (2013 – 2016)
- John Tyler Community College — Associate Degrees in Computer Information Systems & Business Administration (2012)

## CERTIFICATION:

- Information Systems Analyst
- Foundation TEFL
- Warranty Repair Technician
- Business Information Management

## TECHNICAL SKILLS:

<b>Programming Languages:</b>	C#, Java, JavaScript (ES6 +), TypeScript, SQL, Python, HTML5, CSS3
<b>Frameworks &amp; Libraries:</b>	Angular, React, Next.js, Spring Boot, .NET Core, Vaadin, Node.js, Express.js, Bootstrap, Material UI, Tailwind
<b>Databases:</b>	SQL Server, Oracle SQL, PostgreSQL, MySQL, MongoDB, Hibernate, Entity Framework Core
<b>Cloud &amp; DevOps:</b>	Azure DevOps Services, AWS, Docker, Kubernetes, Jenkins, OpenShift, Git, GitHub, GitHub Actions, CI/CD Pipelines
<b>Tools &amp; IDEs:</b>	Visual Studio 2022, IntelliJ IDEA, VS Code, Eclipse, Jira, Gradle, Tomcat, Figma
<b>Testing &amp; QA:</b>	Selenium, TestNG, Cucumber, JUnit, Mockito, Postman, Swagger API Testing
<b>Methodologies:</b>	Agile Scrum, SDLC, Microservices Architecture, MVC, OOP, TDD
<b>Operating Systems:</b>	Windows, Linux, macOS

## PROFESSIONAL EXPERIENCE

## **Marathon Consulting — Richmond, VA**

### **Application Developer | Nov 2024 – Oct 2025**

- Developed and deployed .NET Core RESTful APIs and Azure Functions to process Liberty Tax transactions, increasing throughput and reliability of data exchange.
- Engineered Angular components for web dashboards, improving rendering speed and client-side performance metrics.
- Implemented SOLID principles and layered architecture to simplify future enhancements and unit testing.
- Built automated CI/CD pipelines in Azure DevOps integrating test execution, linting, and release management.
- Collaborated with QA, UI/UX, and product teams to refine features and ensure accessibility compliance.
- Integrated Azure Active Directory B2C authentication to support secure multi-tenant applications.
- Authored deployment playbooks and technical documentation for knowledge transfer and support continuity.

**Environment:** C#, .NET Core, Angular 16, Azure DevOps, SQL Server, Docker, Git, Agile Scrum

## **Army National Guard — Richmond, VA**

### **Software Developer | Jan 2024 – May 2025**

- Designed and launched microservices to automate logistics and equipment tracking workflows for command operations.
- Built Angular dashboards and Bootstrap-based UI components to visualize inventory and readiness data in real time.
- Created REST APIs with .NET Core integrating legacy databases, reducing manual reporting by 50 %.
- Orchestrated automated builds and releases through Azure DevOps, ensuring consistent delivery and rollback capability.
- Partnered with stakeholders to capture business rules and translate them into scalable system logic.
- Conducted peer reviews and performance profiling to optimize microservice response times.
- Delivered deployment guides and training materials for continuity within newly formed development units.

**Environment:** C#, .NET Core, Angular, SQL Server, Azure DevOps, Docker, Git, Agile Scrum

## **Freddie Mac — Tysons Corner, VA**

### **Agile Developer Associate II | Sep 2021 – Jan 2024**

- Supported the Icertis Contract Management System by enhancing microservices and integrations within the Single-Family Division.
- Refactored Java Spring Boot services to improve efficiency and reduce memory usage across pods in OpenShift.
- Automated regression and UI testing via Selenium and Cucumber, reducing manual QA effort by 35 %.
- Implemented and maintained Jenkins pipelines to automate builds, unit tests, and deployments for Java APIs.
- Collaborated with cross-functional teams to resolve production incidents and deploy hotfixes within tight SLAs.
- Authored technical specifications and version-controlled documentation to support audit requirements.
- Participated in Agile sprint planning and retrospectives to drive continuous improvement initiatives.

**Environment:** Java 11, Spring Boot, OpenShift, Selenium, Cucumber, Jenkins, Jira, Agile Scrum

## **Estes Express Lines — Richmond, VA**

### **J2EE Developer | Oct 2020 – Sep 2021**

- Developed J2EE modules for logistics and shipment tracking systems supporting nationwide operations.
- Integrated Spring Boot microservices for real-time data access and streamlined API communication.
- Built test automation frameworks with Selenium and TestNG to validate UI and functional flows across platforms.
- Implemented Jenkins CI/CD pipelines to automate testing and reduce deployment errors by 40 %.
- Enhanced SQL queries and optimized database indexes to boost data retrieval speed.
- Collaborated with QA and DevOps teams to align test execution with development sprints.

- Produced technical documentation for new modules and system integration standards.

**Environment:** Java 8, Spring Boot, Selenium, TestNG, Appium, Jenkins, Agile Scrum

## **Onshore Outsourcing — Remote**

### **Programmer | Mar 2020 – May 2021**

- Developed enterprise-grade applications using Java 8 and Spring Boot, integrating data across multiple business units.
- Designed dynamic Jasper Reports via Oracle SQL and Jaspersoft Studio for real-time analytics dashboards.
- Built front-end interfaces in Vaadin 8 and Angular 8, improving UI responsiveness and usability.
- Implemented Hibernate ORM for data mapping and persistence layer optimization.
- Created Swagger API documentation and Angular service clients for cross-team integration.
- Led code reviews and resolved defects reported by QA to maintain system stability.
- Supported hybrid deployment of .NET Core and Java services on Azure, ensuring compatibility and uptime.

**Environment:** Java 8, Spring Boot, Vaadin 8, Angular 8, Oracle SQL, .NET Core, Swagger, Gradle, Tomcat

## **Field Data Tech | Greenbelt, MD**

### **Junior Java Developer**

**Jul 2018 – Dec 2020**

## **Red Knight Solutions — Remote**

### **Warranty Repair Technician | Oct 2018 – Jul 2019**

- Diagnosed and serviced Dell laptops and desktops under warranty contracts, ensuring full OEM compliance.
- Managed RMA processes and hardware inventory while maintaining strict documentation standards.
- Provided remote technical support and system restorations to end users across multiple regions.
- Coordinated with Dell support channels for parts procurement and incident escalation.
- Ensured timely case closures to meet client SLAs and maintained strong customer satisfaction ratings.
- Trained new technicians on repair workflow and best practices.
- Contributed to team initiatives focused on reducing turnaround time for service orders.

**Environment:** Windows OS, BIOS Tools, Dell Diagnostics, Remote Support Platforms