

Jasper Woods

☎ (410) 555-0186 ✉ jasper.woods.dev@example.com 🔗 linkedin.com/example/jasperwoods 📍 Baltimore, Maryland 21224

SUMMARY

Mid-level Java **Software Engineer** with 8 years of experience delivering **enterprise applications, integrated software solutions, responsive web interfaces**, and mission-supporting workflow systems for regulated federal environments. Builds reliable products with Java, Spring MVC, Spring Boot, Hibernate, C#, .NET Core, ASP.NET MVC, RESTful APIs, microservices, and service-oriented design. Leads work from research and system design through implementation, testing, deployment, site maintenance, and production support. Brings practical skill with Git, Microsoft ADO, CI/CD, Docker, Kubernetes, SQL Server, MySQL, T-SQL, TOAD, Azure, Angular, and React. Holds active Top Secret clearance, Security+ CE, CISSP, and Java certification. Ready to support Northstar Federal Systems and U.S. Navy mission workflows with thoughtful collaboration, clear communication, and software that helps clients work with greater confidence.

EXPERIENCE

Senior Java Software Engineer

July 2025 - Present

Harbor Ridge Technologies

Baltimore, Maryland

Owns backend and web application delivery for a federal business-management platform supporting 14 operational workflows. Leads architecture, implementation, release coordination, site maintenance, and production support across Java services and responsive interfaces. Connects client needs with secure, maintainable solutions while guiding peer reviews and delivery decisions.

- Owned Java, **Spring Boot**, Hibernate, and RESTful API delivery for 14 operational workflows, converting complex requirements into maintainable enterprise services.
- Reworked legacy service boundaries into independently deployable microservices with service-oriented interfaces, improving release isolation and simplifying site maintenance.
- Established Git branching, **Microsoft ADO** traceability, and CI/CD quality gates with automated tests, security checks, and container image validation before deployment.
- Delivered Angular and React enhancements with responsive **HTML**, CSS, and **JavaScript**, giving analysts configurable views for status, approvals, and exception processing.
- Tuned **SQL Server** and **T-SQL** queries, reviewed TOAD execution plans, and introduced indexing changes that stabilized high-volume monthly reporting.
- Guided design reviews and production investigations through technical documentation, Agile refinement, and controlled Waterfall checkpoints under Top Secret program requirements.

Java/.NET Software Engineer

January 2023 - June 2025

Crescent Peak Solutions

Columbia, Maryland

Delivered integrated **Java** and .NET capabilities for a defense logistics application. Shaped shared architecture, APIs, deployment automation, database work, responsive interfaces, and release evidence. Partnered with analysts, quality teams, and project leaders so client-specific features remained safe to change and easier to operate.

- Developed Java and .NET Core features with **Spring MVC**, C#, **ASP.NET MVC**, and SQL Server, joining inventory, authorization, and workflow functions within one enterprise architecture.
- Designed **RESTful APIs** and reusable service components that connected modules without duplicating business rules, improving consistency across client workflows.
- Replaced manual deployment steps with Microsoft ADO pipelines, Docker packaging, and Kubernetes manifests, creating repeatable promotion paths across environments.
- Applied factory, strategy, and repository patterns with SOLID and DRY principles, reducing coupling and making client customization safer in a growing codebase.
- Built React screens and JavaScript validation for role-based approval queues, using analyst and quality feedback to improve usability and reduce rework.
- Maintained **Git** evidence, configuration baselines, and defect resolutions across Agile sprints and scheduled **Waterfall** milestones, supporting controlled releases.

Java Software Engineer

September 2020 - December 2022

Bluewater Public Sector Labs

Alexandria, Virginia

Implemented secure case-management capabilities across Java services, browser workflows, data integrations, and production support. Translated approved requirements into tested modules while partnering with quality teams and client stakeholders. Strengthened configuration management and gave downstream teams clear integration guidance.

- Implemented **Spring MVC** and **Spring Boot** modules for secure case management, translating approved requirements into tested Java services and browser-based workflows.
- Created Hibernate data-access layers for **MySQL** and SQL Server, using T-SQL diagnostics and **TOAD** to resolve transaction defects affecting scheduled synchronization.

- Built REST endpoints and integration adapters for identity, document, and reporting systems, documenting service contracts for downstream development teams.
- Introduced Git pull-request standards, code reviews, and automated unit and integration testing, strengthening code integrity during frequent releases.
- Delivered responsive HTML, **CSS**, and **JavaScript** features for case search, task assignment, and status tracking, validating browser behavior with quality partners.
- Supported production maintenance through log analysis, root-cause investigation, and controlled hotfixes, giving project managers and clients clear technical findings.

Associate Software Engineer

August 2018 - August 2020

Pinecrest Digital Services

Reston, Virginia

Built foundational Java and Spring MVC capabilities for a federal workflow application. Worked under senior guidance across database development, responsive interfaces, REST integrations, source control, testing, deployment preparation, and site support. Learned to connect sound engineering habits with dependable service for program staff.

- Built Java components and **Spring MVC** controllers for an internal workflow application used by federal program staff to route requests and monitor service commitments.
- Developed **SQL Server** queries, stored procedures, and validation routines under senior review, improving consistency across intake, approval, and reporting functions.
- Produced responsive layouts with HTML, CSS, and **JavaScript**, incorporating findings from demonstrations with analysts and operations representatives.
- Added RESTful integrations and reusable object-oriented classes with established **design patterns**, creating a stable base for client-specific features.
- Used Git for source control and **Microsoft ADO** for work tracking, build coordination, defect documentation, and release readiness within **Agile** cycles.
- Prepared technical notes, test cases, deployment checklists, and site-support procedures that helped transition new functionality into controlled production maintenance.

PROJECTS

Navy Workflow Integration Modernization 📅 2025

Built a service-oriented workflow prototype with Spring Boot, RESTful APIs, Hibernate, SQL Server, Docker, and Angular. Connected approval, status, and exception paths through configurable interfaces while documenting deployment and maintenance steps for mission-support teams.

Cloud-Native Release Delivery Lab 📅 2024

Created a practical CI/CD demonstration using Microsoft ADO, Git, Docker, Kubernetes, and Azure. Added automated testing, configuration controls, and deployment gates so teams could promote Java services with clearer evidence and fewer manual handoffs.

Secure Case Data Exchange 📅 2022

Developed a Java integration solution using Spring MVC, REST endpoints, MySQL, T-SQL, and Hibernate. Mapped identity, document, and reporting exchanges, then documented service contracts and test cases for dependable downstream use.

LEADERSHIP & AWARDS

- Federal Technology Delivery Award, Harbor Ridge Technologies, 2026
- Client Excellence Recognition, Crescent Peak Solutions, 2024
- Outstanding Capstone Project Award, University of Maryland, Baltimore County, 2018
- Technical Interview Mentor, Harbor Ridge Technologies, 2025 - Present

EDUCATION

Bachelor's Degree in Computer Science

2018

University of Maryland, Baltimore County GPA: 3.7

Baltimore, Maryland

Coursework: *Object-Oriented Programming, Database Systems, Software Engineering, Web Application Development*

CERTIFICATIONS

- CompTIA Security+ CE 📅 2020
- Oracle Certified Professional: Java SE 11 Developer 📅 2021
- (ISC)² CISSP 📅 2024
- Active Top Secret Clearance 📅 2024

TECHNICAL SKILLS

- **Java Frameworks:** Java, Spring MVC, Spring Boot, Hibernate
- **.NET Development:** C#, .NET Core, ASP.NET MVC, Blazor
- **Web Technologies:** HTML, CSS, JavaScript, Angular, React
- **API Architecture:** RESTful APIs, Microservices, Service-Oriented Design
- **Database Systems:** SQL Server, MySQL, T-SQL
- **Database Tools:** TOAD, SQL Server Management Studio, Hibernate
- **Source Control:** Git, GitHub, Pull Requests
- **CI/CD Platforms:** Microsoft ADO, Azure Pipelines, Release Gates
- **Containers and Orchestration:** Docker, Kubernetes, Container Images
- **Cloud Platforms:** Azure, AWS, GCP
- **Software Design:** Object-Oriented Principles, SOLID, DRY, KISS
- **Design Patterns:** Factory, Strategy, Repository
- **Delivery Methods:** Agile, Waterfall, DevOps
- **Testing Practices:** Unit Testing, Integration Testing, Automated Testing
- **Security Credentials:** Security+ CE, CISSP, DoD 8570 IAT Level II

SKILLS

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|---------------|-------------------------|------------------------|-------------------------|
| • Java | • C# and .NET Core | • Git | • Docker and Kubernetes |
| • Spring MVC | • RESTful APIs | • Microsoft ADO | • Angular and React |
| • Spring Boot | • Microservices | • SQL Server and T-SQL | • Agile and Waterfall |
| • Hibernate | • HTML, CSS, JavaScript | • MySQL and TOAD | |

PROFESSIONAL AFFILIATIONS

- Java Community of Practice Facilitator, Crescent Peak Solutions, 2023 - 2025
- Cybersecurity Student Association, University of Maryland, Baltimore County, 2016 - 2018
- Federal software engineering peer review community, Baltimore, Maryland
- Secure application delivery working group, Maryland technology community

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST