

ADAM ERICKSON

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U.S. Citizen · Disabled Veteran (10-pt Preference) · Active DoD Secret Clearance

SUMMARY

Senior Java Developer and Engineer with over 20 years of experience in the IT sector, specializing in Java development for 8+ years. Holds an Active DoD Secret Clearance and a proven track record developing secure, scalable Java applications for critical military and federal clients, specifically DoD and DHA programs

TECHNICAL SKILLS

Languages & frameworks: Java (OpenJDK), Spring Framework (Boot, MVC, Cloud, REST, Data), Hibernate, JMS, Apache Camel, J2EE, Python, PL/SQL, Node.js, Shell Scripting, Groovy

Cloud & DevOps: AWS (EC2, Lambda, S3, Redshift, EKS), AWS GovCloud, CI/CD, DevOps, Agile, and Scrum. Jenkins, GitLab CI/CD, Maven, Gradle, CloudFormation, Docker

Cloud / Containers / DevSecOps: AWS (EC2, S3, Lambda, EKS, Redshift, Elastic Beanstalk, IAM, CLI), AWS GovCloud (health records); Azure; Docker, Kubernetes; Git, GitLab CI/CD, Jenkins, Maven, SonarQube, Fortify

APIs & Data Integration: RESTful Services, SOAP, HL7, JSON, XML, SFTP, JBoss EAP, Red Hat Fuse, ETL Pipelines. Experience with DMDC and DHA medical data repositories (MDR, HCE-DRS, EHA, NMO)

Databases & Tools: SQL, PL/SQL, PostgreSQL, MySQL, Oracle, Redshift, MongoDB. SonarQube, Fortify, JIRA, Confluence, Git, GitLab, SVN, JUnit, Mockito, Eclipse, IntelliJ

Security & Compliance: Active Secret Clearance, RMF support, DISA STIG alignment, NIST 800-171 concepts, CNSS 4011–4016 Information Assurance recognition

PROFESSIONAL EXPERIENCE

Lead Java Developer, Dine Source (via DDC / SpinSys / North Stone LLC) – Beavercreek, OH (Remote). (07/2021 – 07/2025)

DoD and DHA-focused Java developer building secure microservices and data pipelines for GENESIS EHR, PHA Periodic health assessments, and DMDC DHA medical readiness systems in AWS -GovCloud.

Spring Boot Microservices – PHA Health Readiness

- Designed & deployed Spring Boot microservices for the PHA backend, achieving 50 % reduction in service downtime through circuit-breaker patterns.

DHA / DMDC Defense Manpower Data Center Medical Records & HL7 Integration (EHA - Electronic Health Assessment, NMO, HCE-DRS - Hearing Center of Excellence, MDR Military Data Repository)

- Built a RESTful HL7→JSON conversion pipeline that cut data delivery latency by ~35 % for DHA/Navy interfaces.
- Implemented AWS GovCloud ingestion (S3, Redshift, Lambda) that increased throughput by ~60 % for HCE-DRS data.
- Integrated DMDC-MDR personnel/medical readiness data, consolidating multiple PID segments into unified records with ~99.9% sync accuracy.

Existing systems + SME / libraries

- Designed and deployed secure Java data flows across AWS GovCloud and DoD cloud zones, using custom SQL-proxy microservices to enable RMF-compliant, cross-domain data exchange.
- Maintained and enhanced existing Java services and shared libraries used across GENESIS EHR, PHA, and readiness systems in AWS GovCloud, acting as a technical point of contact for integration patterns, code quality, and troubleshooting.

CAV-AF (Air Force Asset Visibility)

- Served as technical SME for cross-domain data flows, ensuring RMF/STIG compliance across all services. Supported RMF compliance through audit logging, encryption, and STIG-aligned development practices.
- Assisted other senior developers by contributing to various projects when they encountered difficulties.

Java Software Engineer – Warehouse & Logistics Systems, Gordon Food Service (GFS) – Wyoming, MI. (03/2015 – 12/2016)

- Led Maven- and Jenkins-based CI/CD pipelines (with JUnit and SonarQube) for core Java services, reducing production defects by ~30% and aligning deployments with modern DevOps practices.
- Enhanced Java Spring MVC/Spring Boot web applications backed by Oracle, including Oracle SQL and PL/SQL routines, supporting 15+ distribution centers and ~1,000 internal users on a high-availability Warehouse Management System (WMS).

Java Developer / DevSecOps Engineer – Fortune 500 & Utilities, IBM – Lansing, MI. (01/2012 – 03/2015)

- Implemented shell-scripted Jenkins pipelines that cut deployment times for large Java web applications from ~40+ minutes to ~10 minutes, enabling 3→12+ test cycles per day.
- Led Maven- and Jenkins-based CI/CD pipelines (with JUnit and SonarQube) for core Java services, reducing production defects by ~30% and aligning deployments with modern DevOps practices.
- Worked across Linux/Tomcat/Apache, Java, Maven, JUnit, PL/SQL, Python, Splunk, and Subversion; contributed to design documents and system integration test plans.

Other Roles (Condensed)

SAP Developer – Media Technologies, Shelby, MI. (2019 – 2020)

- Created software to print and generate labels using Java, SQL, SAP WMS barcoding, ZPL, and Jasper Reports.

EDI Support Specialist – York Worldwide Technologies, Spring Lake, MI (2018 – 2019)

- Developed and supported EDI infrastructure, AS2/FTP/VAN connections, and ANSI X12 transactions.

IT Support – Master Tag, Montague, MI. (2016 – 2018)

- Administered Intranet and infrastructure for 150+ users; maintained servers, endpoints, and networks.

Linux Systems Administrator – DDM Marketing, Grand Rapids, MI. (2009 – 2010)

- Linux/VMware-based hosting for 200+ clients; scripted automation in Shell and Python.

Windows Systems Administrator – Great Lakes Die Cast, Muskegon, MI. (2005 – 2009)

- Maintained servers, networks, AD, and built the company's internal and external website.

Squad Leader – U.S. Army, Airborne Infantryman, Fort Bragg, NC. (1996 – 2000)

- Led 6–8 soldiers; developed leadership, training, and mission execution skills under high pressure.

EDUCATION

M.S., Information Systems Management (Distinction), Ferris State University: Certified Center of Excellence in Information Assurance Education (CNSS 4011–4016 mapped), project management certification

B.S., Computer Information Systems (Cum Laude), Ferris State University

A.A.S., Business Computer Programming; A.A.S. Computer Applications; A.A.S. Computer Network Technology, Muskegon Community College

CREDENTIALS

- AWS Certified Developer – Associate (expired 2024; renewal in progress for 02/2025)
- Scheduled: CompTIA Security+ CE (within target window for DoD 8570 alignment)

CLEARANCE & VETERAN STATUS

- **Active DoD Secret Clearance**
- **Disabled U.S. Army Veteran**