

DAN PIERCE

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SUMMARY:

Results-driven Senior Application Developer with 20+ years of experience specializing in Java-based enterprise systems. Proven track record designing and deploying scalable web applications in cloud and on-prem environments. Adept at driving modernization initiatives and mentoring cross-functional teams to deliver high-impact software solutions.

TECHNICAL SKILLS:

Languages: Java 17+, PHP, Python, HTML5, Javascript, XML, JSON

Frameworks/Tools: Spring Boot, REST Web Services, JUnit, IntelliJ IDEA, PhpStorm, PyCharm, CI/CD, Jenkins, Github Actions, SonarQube

Cloud: Azure Cloud (AZ-900)

Databases: Oracle, Microsoft SQL Server, MySQL

OS: Windows, Linux

EXPERIENCE:

Optum

Minnetonka, MN

Lead Software Engineer

October 2024 to Present

- Spearheaded architecture and agile development of cloud-native solutions for sales team initiatives, driving performance improvements and reducing deployment time.
- Led successful migration of legacy Java monolith from Linux VM to Azure microservices, enhancing scalability and maintainability.
- Completed Microsoft Azure Fundamentals (AZ-900) course to deepen cloud architecture expertise and support enterprise migration strategy.

Optum

Minnetonka, MN

Application Developer Consultant

September 2005 to October 2024

- Partnered with business stakeholders to customize and extend third-party vendor platforms, aligning solutions with operational workflows and increasing user adoption.
- Engineered a robust integration layer enabling seamless data ingestion from multiple heterogeneous sources, improving system flexibility and reducing manual overhead.
- Designed and maintained custom Java-based ETL tools to manage agent, enrollment, and commission data across internal and external systems.

50 Below Sales and Marketing
Duluth, MN

Senior Software Engineer
September 2003 to September 2005

- Developed scalable E-commerce and CMS applications using Java and XML/XSL, enabling clients to manage digital content with minimal technical overhead.
- Mentored junior developers and led small project teams, ensuring on-time delivery of client projects.
- Engineered a reusable library of browser behaviors using JavaScript and XSLT to support dynamic UI functionality in legacy environments.

Sinex Aviation Technologies
Duluth, MN

Software Engineer
March 2002 to September 2003

- Converted legacy ASP systems to modern J2EE web applications using Jakarta Struts and JSP, modernizing user experience and reducing maintenance load.
- Maintained Jakarta Ant build scripts and created PHP-based dashboards for real-time build status monitoring.

Saturn Systems
Duluth, MN

Software Engineer
June 2000 to March 2002

- Developed Java-based web applications for emergency medical service data collection, improving reporting efficiency for providers nationwide.
- Built an email campaign management platform in Java, enabling businesses to launch, track, and analyze digital marketing efforts.
- Created a Java applet interface for managing highway surveillance systems, providing real-time camera and gate control.
- Modernized legacy land permit systems using ASP and SQL Server, reducing manual paperwork and streamlining approvals.
- Delivered client websites using ColdFusion and PHP, tailoring functionality to diverse business needs.

EDUCATION:

DeVry Institute of Technology

Bachelor of Science in Computer Information System, 1996