

Walt Parkman

Senior Software Engineer | AI-Assisted Development | Remote

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leonardsibeli.us | github.com/LeonardSibeli.us

SUMMARY

Software engineer with three decades of enterprise development experience across government, defense, and regulated gaming. Builds and maintains Java applications, SQL data pipelines, and production systems. Uses GPT-6 Astra in Codex for implementation, debugging, and test development, with engineering judgment and review. Seeking remote software work with a team that welcomes AI-assisted development.

CORE SKILLS

Java, SQL, C#, Python, C++, TypeScript, JavaScript | JDBC, J2EE, Apache Camel, REST APIs | PostgreSQL, Sybase ASE, Oracle, IBM DB2 | Git, Maven, Docker, PowerShell, JUnit, pytest, xUnit | GPT-6 Astra / Codex, Claude Code | Unreal Engine 5.7

PROFESSIONAL EXPERIENCE

Software Engineer | SAIC and DMI

May 2022 – May 2026 | Remote from Fernley, Nevada

- Built data extraction software moving Army ARISS data into the AIE Recruiting System on the SOOP contract.
- Maintained Army Recruiting Support Branch online forms using Adobe Designer, a Java back end, and Sybase, including electronic recruit-signature workflows.

Software Engineer III | Scientific Games

May 2007 – December 2017 | Reno, Nevada

- Enhanced and maintained the Java Data Warehouse archiving and reporting module of the SDS Casino Slot Floor Management system using IBM DB2.
- Supported regulatory reporting for jurisdictions including Nevada, Canada, Macau, the UK, and Slovenia; handled development, builds, deployment, and maintenance.

Senior Software Developer | SAIC and Northrop Grumman

October 2005 – May 2007 | San Diego, California

- Developed and supported San Diego County's Probation Case Management System, a Java application used by 1,400 probation officers and staff.
- Worked directly with users on incidents and enhancements and handled production deployments across J2EE, JSP, JavaScript, EJB, WebLogic, Solaris, and Oracle.

Software Engineer | Northrop Grumman

February 2002 – October 2005 | San Diego, California

- Developed and supported Navy EFH Family Housing Java applications and Oracle databases serving housing operations across 82 Navy bases worldwide.

SELECTED SOFTWARE PROJECTS

Leonard Sibelius: The Engineer Who Built Himself | 2026

Independent developer | Windows game published on itch.io

leonardsibelius.itch.io/leonard-sibelius

- Built and packaged a first-person narrative game in Unreal Engine 5.7 using C++, TypeScript, PowerShell, Git, and Git LFS; first published in June 2026 and updated through September.
- Directed AI-assisted implementation of gameplay interactions, persistent progression, voiced dialogue, cinematic sequences, and licensed environment integration. Recent work includes a protein-enhancement office and progression from Transhuman City to the spaceport.
- Used custom editor commandlets and headless smoke tests to verify gameplay systems, supported by repeatable asset-import scripts and build workflows.
- Current development pairs engineering review with GPT-6 Astra in Codex; earlier development used Claude Cowork and Claude Code.

scan-ingest | August 2026

C# / .NET 8 / PostgreSQL 17 / Npgsql / Dapper / xUnit

github.com/LeonardSibelius/scan-ingest

- Built a portfolio pipeline that ingests vulnerability-scanner findings and compares them with synthetic compliance-control assessments to identify conflicting evidence.
- Normalized JSON data into partitioned PostgreSQL tables and reconciled a POA&M register that opens, closes, and reopens commitments; included deterministic ingestion keys, runnable report SQL, and 13 xUnit tests.

EARLIER EXPERIENCE

Peregrine Systems (2000–2001): Server-side JavaScript development. Alliance Consulting / IBM Global Services / Motorola (1999–2000): Java servlets for product catalog and partner collaboration systems on WebSphere, Solaris, and DB2. Seagate Technology (1999): Java web application research and infrastructure for Sales and Marketing.

CDI Global Staffing / IBM (1997–1999): Maintained the server-management layer of a distributed Java framework using RMI, AS400, and DB2. SAIC (1992–1996): Financial Systems Analyst developing planning and budgeting software for the military Composite Health Care System on Oracle and DEC VAX; received a Special Performance Award.

EDUCATION

Associate of Science, Computer Science | Coleman College, San Diego, California

ADDITIONAL BACKGROUND

Previously held Secret clearance and CompTIA Security+ certification during Army contract work. Current status to be confirmed when required.