Jeremy Hunt

Senior Software Engineer
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Professional Summary

Creative and results-oriented Software Engineer with expertise in full-stack, backend, and systems development across cloud, AI, and enterprise platforms. Known for building performant, scalable, and maintainable solutions using Python, Java, and modern toolchains. Skilled at designing data pipelines, debugging complex systems, and collaborating cross-functionally to deliver high-impact software. Strong communicator and lifelong learner with a proven record in adapting to diverse environments and solving challenging problems.

Core Skills

Languages: Python, Java, C++, C#, Perl, Ruby, JavaScript, TypeScript
Cloud/Tools: AWS (S3, EC2, Aurora, Airflow), Docker, Jenkins, Git, CircleCI
Databases: MS SQL Server, PostgreSQL, MySQL, MongoDB, Elasticsearch, Snowflake, Oracle, Informix, SQLite
Frameworks: Flask, Django, Node.js, Angular, React, Spring, Bootstrap, Quart, RabbitMQ, Celery, Redis,
Data Formats/Tech: XML, JSON, XSLT, SQL, T-SQL, SQLAlchemy
OS/Environments: Linux, Windows, Unix, Solaris, HPUX, WMCS
Methodologies: Agile, XP, Waterfall

Professional Experience

Senior Software Engineer

Walt Disney Company (via TEKsystems) — Orlando, FL | May 2024 – Present
Environment: Python, Pandas, Oracle, MS SQL Server, Salesforce Mulesoft, Snowflake, Classic ASP, Biblio, AEM, Oracle,

- Mentor junior developers through code reviews and pairing.
- Developed modular Python pipelines to automate extraction, transformation, and delivery of heterogeneous data sources.
- Consolidated complex, non-uniform datasets from Oracle DBs and spreadsheets into clean CSVs for training BlueYonder AI models.
- Authored SQL and Python scripts to migrate assets and metadata from Disney Media Vault to Adobe Experience Manager (AEM).
- Wrote Markdown documentation for active Disney Publishing properties.

- Created WalkMe in-app guidance and tutorials to enhance user onboarding and workflow efficiency.
- Provided Tier 3 support for SQL Server, Mulesoft, PubWorld, and Biblio platforms.
- Identified and corrected driver-level string corruption issues in PubWorld.
- Improved SQL view performance (10s → 60ms) by optimizing view structure.
- Built Mulesoft data migration pipelines syncing Biblio ↔ PubWorld systems.
- Debugged legacy Classic ASP (VBScript) code for variable scoping issues and UI behavior.

Senior Software Engineer

Andros — Remote (New York, NY) | Jan 2021 – Apr 2024
Environment: Python, Node.js, Angular, React, Elasticsearch, Docker, AWS, Airflow, Celery, RabbitMQ, PostgreSQL, Jenkins, Quart, Redis

- Built internal web tools (Webtrack, Provider Map, Provider Explorer) for provider data analytics using Angular, React, and Elasticsearch.
- Developed a background shape-generation daemon to cache GeoJSON drive-time boundaries, reducing peak runtime from days to hours.
- Refactored Smart Recruiting batch processes into async Celery tasks with Redis caching, improving performance by ~20%.
- Architected scalable Python microservices for real-time analytics, running as Docker containers triggered by RabbitMQ queue sizes.
- Created address parser using Levenshtein distance logic to enhance geolocation accuracy.
- Developed REST APIs for geolocation services using Quart and Gunicorn.
- Designed Airflow DAGs to ingest and normalize provider license data from county and census sources.
- Built data reconciliation tools using SQLAlchemy, Elasticsearch, and T-SQL.
- Supported ASP.NET contract tracking tools and authored DevOps scripts in Python and T-SQL.
- Managed GitHub repos, CI/CD pipelines via CircleCI, and Docker-based releases.
- Performed large-scale data migrations across SQL Server, MongoDB, and Elasticsearch.

Senior Software Engineer

Rocky Mountain ATV — Spanish Fork, UT | Jan 2015 – Jan 2021
Environment: Java, Swing, JBoss, Wicket, SQL Server, MySQL, JavaScript, Bootstrap

- Designed warehouse and inventory systems using Java Swing, JBoss, and MS SQL.
- Built APIs and UIs for warehouse transfers, POS systems, and cycle counting tools.
- Created secure kiosk-based timeclock with EM card/barcode reader and identity photo verification.
- Developed mobile scanning interfaces for Windows Mobile handheld devices.

- Implemented eCommerce integrations with stateful/stateless session beans.

Senior Software Engineer

AccessData — *American Fork, UT | Jan 2013 – Jan 2015*
Environment: Java, C++, C#, Android, SQLite, WPF, WCF, MySQL

- Developed forensic scanning tools (FTK, MPE) for mobile, email, and browser cache investigations.
- Built in-field forensic mobile scanner using MVVM architecture and Android SDK.
- Created device scanning plugins using Core Java and rooted Android access.
- Delivered secure APIs (C#/C++) to integrate forensic tools into enterprise platforms.

Software Engineer / Release Team Lead

Fidelity Investments — *Salt Lake City, UT | Jul 2011 – Jan 2013*
Environment: Python, Perl, Java, Jenkins, Maven, Oracle, Groovy

- Led release engineering team across 6 global sites.
- Built automated pipelines and CI/CD tools in Python, Perl, and Jenkins.
- Created Agile Release Train for XTRAC deployments and compliance reporting.
- Implemented Java-based XTRAC features on Oracle backends using Spring.

Principal Software Engineer

Ingeo Systems — *Logan, UT | Oct 2007 – Jul 2011*
Environment: C#, ASP.NET, Silverlight, WPF, XAML, XML/XSLT

- Created dynamic e-filing systems for government agencies and mortgage/title firms.
- Built iRecord WPF endpoint with metadata, TIFF support, and markup workflows.
- Designed document dependency features for workflow compliance.
- Collaborated directly with counties to define XML-based document formats.

Senior Software Engineer

United Online (Classmates.com) — *Orem, UT | Apr 2006 – Oct 2007*
Environment: Perl, MySQL, Java, SOAP, C++

- Built scalable social network backend and email daemon for 30M+ users.
- Integrated Perl-based systems with Java SOAP search APIs.
- Migrated billing systems to QuickBooks with custom SOAP interfaces.

Senior Software Engineer

Symantec — *American Fork, UT | Jan 2000 – Apr 2006*
Environment: C++, Java, Python, Django, Hibernate, Solaris, Windows

- Developed ESM modules for enterprise security validation.
- Built Java-based dashboards and automated test frameworks.
- Led development of Ant-based plugin for build/test analytics.

Software Engineer
Omniture (MyComputer.com) — *Orem, UT | 1997 – 2000*
Environment: PHP, C++, MySQL, BSD Sockets

Software Engineer
World Access (NACT) — *Provo, UT | 1995 – 2000*
Environment: C, Perl, SCO Unix, Informix, WMCS, Visual basic

Education

B.S. in Computer Science — Utah Valley University | 2004
Focused on software development, systems design, algorithms, and programming fundamentals.

Google AI Essentials — Online Certificate
Gained hands-on experience in machine learning and AI tools, including ethical frameworks and deployment strategies.

Stanford Writing in the Sciences – Online Program
Developed strong technical writing skills, with emphasis on clarity, structure, and ethical communication.