

Joe Davies

Seattle, WA

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Hands-on engineering manager with a proven track record of leading cross-functional teams in fintech system development and cloud-based integrations. Recognized for driving innovation and mentoring high-performing teams to achieve exceptional results.

EXPERIENCE

Engineering Manager

Oct 2021 - Oct 2024

Submittable

Seattle, WA

- Led a six-person Fintech Team responsible for developing, supporting, monitoring, and maintaining applications in the payments and fintech domain.
- Developed a funds distribution integration written in .NET and hosted in Azure, managing over \$1B in payouts to more than 1 million grant recipients in 2023, ensuring zero duplicate payments integrating ACH, paper check, and prepaid card payment rails through direct banking partnerships.
- Led the development and launch of a virtual debit card product, enabling real-time card authorizations.
- Managed the development and launch of a digital wallet, facilitating secure and efficient payment integrations to support global charitable giving.
- Awarded the GEM Award (Going the Extra Mile) for outstanding technical contributions to the funds distribution project, particularly in managing large-scale, secure payouts.

Lead, Sr. Software Engineer

Mar 2020 - Oct 2021

PayScale

Seattle, WA

- Led a four-person Data Engineering team to deploy the Data Science team's machine learning models into production, maintain platform services, modernize legacy systems, and manage the Snowflake data warehouse.
- Directed the release of PayScale's Jobalyzer API, improving data access for paid partners. Onboarded clients, provided technical support, delivered usage reports, and launched a public developer portal.
- Automated Azure Data Catalog Snowflake metadata ingestion, improving data discovery and accessibility.
- Developed Tableau dashboards to track spend across data engineering to facilitate department chargebacks and drive cost reduction.
- Integrated new data sources into the data warehouse.

Application Development Manager

Aug 2016 - Feb 2020

Citco Fund Services

Charlotte, NC

- Manager in Citco Software Group, working on a multi-year project to migrate the Aexeo suite of applications from on-premises data centers to the AWS cloud intended to improve scalability and lower costs.
- Managed a global team responsible for automation and development of devops, CI/CD, user administration, and release management solutions using the AWS pipeline suite, Git, Jenkins.

Application Development Lead

Nov 2011 - Aug 2016

Citco Fund Services

Charlotte, NC

- Developed new application components for the Aexeo application platform.
- Developed various customer facing API components and performed user integration support.

Application Developer*Oct 2008 - Nov 2011**Citco Fund Services**Halifax, NS*

- Developed a plugin based, accounting platform application suite in Windows Forms using the DevExpress framework, migrating existing Delphi applications onto the new platform.
- Directed UI design and usability decisions including the evaluation of various UI frameworks.

Senior Developer*Dec 2005 - Aug 2008**Conversys Inc**London, ON*

- Redesigned publishing engine in a service-oriented approach, providing horizontal scalability.
- Reengineered customer web sites for high performance, ensuring stability during peak traffic events, including a successful holiday launch for our flagship customers.

Junior Developer*Feb 2004 - Dec 2005**Conversys Inc**London, ON*

- Enhanced software used in the layout and production of on-line circulars for retail customers.
- Migrated print layout software solution from VB6 to .NET.
- Designed and developed flyer sites for customers, liaising with third-party designers to provide consistent branding.
- Configured servers and infrastructure in both the office and secure co-location facility.

SKILLS AND TOOLS

- Languages and frameworks: C#, .NET Core/Framework, Windows Forms, DevExpress, Python
- Cloud technologies: Azure, AWS
- Data and Analytics: SQL, Snowflake, Fivetran, CosmosDB, Tableau, PowerBI, DataDog
- Fintech integrations: Marqeta, Stripe, PayPal, Modern Treasury, Payoneer, US Bank, ACH

EDUCATION

Bachelor of Engineering Science in Computer Engineering

- *University of Western Ontario, London, Canada*

Bachelor of Science in Computer Science

- *University of Western Ontario, London, Canada*

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate
- Certified ScrumMaster (CSM)