

Daniel Munro

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WORK EXPERIENCE

Wex – Financial Services

Feb 2019 – April 2021

Software Development Engineer 4

Remote Work from Denver, CO

- Integral part of a team that migrated a 20-year-old payment processing system to AWS, ADO, IAC, and an agile CI/CD pipeline.
- Designed, developed, and tested an entirely new line of business with an external partner RPPS. Due to our team's personnel constraints, I was the only analyst, developer, and tester on the project.
- Supported and developed new features across multiple Java applications and Oracle databases.
- Built and maintained multiple C#, .NET core, AWS, and Blazor applications.

Noventis Inc – Financial Services

Jan 2016 – Feb 2019

Software Engineer – Full Stack

Remote Work from Denver, CO

- Part of the core team that researched, designed, and developed a Java-based interface that connects to biller IVR pay by phone numbers, transcribes the prompts, and programmatically processes payments. This new process allowed for a significant increase in payment processing throughput and posting time, allowing for massive growth and eventual company purchase.
- Developed and supported the existing system with limited staff and no QA department.
- Technology: Java, GWT, Spring, Oracle, Perl, Perforce, Jenkins, Jira, IntelliJ, Maven.

PreCash - Financial Services

2008 – Jan 2016

Software Engineer – Java/Database

Remote work from NYC

- Adopted multiple roles across development teams, including database, interface design, Java, GWT, Spring, Oracle, Perl, Perforce, Jenkins, Jira, IntelliJ, Maven, Confluence.
- Led a team of developers and QA that created an application allowing users to pay their bills through a website or phone app (Android and Apple).
- Migrated applications using custom JSP/Servlet architecture to JSF, GWT, and Spring.
- Development and upkeep of corporate websites, multiple merchant enterprise websites, including adding features and enhancements to a site with 200K+ users.

PreCash - Financial Services

2006 – 2008

Database Engineer

Portland, OR

- Developed and maintained multiple Oracle databases across multiple environments using Tables, Functions, Procedures, Packages, Triggers, Indexes, Table Partitioning, Collections, Materialized Views, Explain Plans, Optimizer hints, Dynamic SQL, and Query performance tuning.
- Impact Award Winner of 2007.

PreCash - Financial Services

July 2004 – 2006

Quality Assurance Engineer / Lead

Portland, OR

- Designed and implemented test plans, coordinated testing, generated bug reports, verified releases, across multiple development teams, including external partners.
- Maintained a commitment to quality code, working closely with developers.

EDUCATION

Colorado State University

B.S. Computer Science

Graduated 2003

Ft. Collins, CO

SKILLS

Java, PL/SQL, GWT, Spring, JavaScript, jQuery, HTML/CSS, Perl, C, C++, C#, Python, MySQL, Visual Basic, AWS, Apache Lucene, Hibernate, some React, a little Terraform, a little Docker, Postman, Linux, Windows, Oracle, Visual Studio Community, Visual Studio Code, IntelliJ IDE, Eclipse IDE, Toad, Remix IDE, Brackets, Perforce, Git, Maven, Jenkins, Tomcat, Jira, Confluence, ADO, Bugzilla, Selenium, Cron, Splunk, Control-M, Browserstack, Putty, PowerShell, Scrum Agile Methodologies, and Learning!

2021 - Continuing Education

Solidity

- Blockchain Specialization learning path - Coursera. (In Progress)
 - Class: Blockchain Basics
 - Class: Smart Contracts
 - Class: Decentralized Applications (Dapps)
 - Class: Blockchain Platforms
- Chainlink Smart Contract Developer Bootcamp - July 12th-16th
 - HardHat
- Ethereum Blockchain Developer Bootcamp with Solidity (2021) – Udemy
 - Remix
 - Ganache
 - Web3
 - Truffle
 - Geth
 - Chai unit tests
- CryptoZombies
 - Interactive Solidity Coding Lessons
 - Built a zombie game and DApp

GoLang

- Programming with Google Go Specialization - Coursera (In Progress)
 - Class: Getting started with Go
 - Class: Functions, Methods, and interface in Go
 - Class: Concurrency in Go

Typescript

- Typescript – Learn the fundamentals - Coursera

Scala

- Rock The JVM series
 - Class: Scala at Light Speed
 - Class: Scala 3 & Functional Programming Essentials
 - Class: Advanced Scala & Functional Programming (In Progress)

Interests

I love spending as much time as I can with my wife and two young boys. I enjoy hiking, running, snowboarding, skateboarding, gaming, and listening to podcasts and Audible books. I love to travel and look forward to exploring more of the world with my boys as they grow!