

# Jay Taghdir

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## PROFESSIONAL EXPERIENCE

**RedCley (Microsoft)**, Bellevue, Washington

Nov 2023 – Present

*Software Engineer (Azure Developer)*

- Developed an internal automation tool for feature development and critical system resolution of Microsoft's operating system products.
- Spearheaded feature development and critical system issue resolution within Microsoft's Windows Servicing and Delivery team, ensuring smooth Windows product launches through strategic collaboration with partners.
- Key contributor in Microsoft's Windows delivery, focused on efficient product cycles and partner collaboration for enhanced stability and quality.

**Microsoft**, Redmond, Washington

Apr 2022 – Sep 2023

*Software Engineer*

- Engineered service runtime migration to .NET and mitigated discrepancies, resulting in a 5% cost reduction and 8% performance improvement system wide.
- Developed an observation layer for Azure Blob Storage REST APIs using C++ and C#, resulting in a notable 12% improvement in system efficiency resulting from improved time to mitigate.
- Implemented features using C# and C++ unifying SLA across service APIs in an agile environment, leading to a 4% improvement in API response times.
- Led sensitive live site debugging and mitigated over 500 incidents using various tools, enhancing service performance, reducing costs, and upholding stringent SLA standards.

## PROJECT

**CoinPal** | Python, JavaScript, Flask, React, Redux, SQLAlchemy, PostgreSQL P2P

[GitHub](#)

*A P2P social media application inspired by Venmo for trading, monitoring the market*

- Spearheaded the design and development of a comprehensive full-stack web application, expertly employing Python, JavaScript, and SQL.
- Engineered backend services and APIs, crafted the database architecture, and implemented frontend state management using React and Redux, leveraging Postgres for optimal database performance.
- Successfully integrated real-time market price data, customizing the user experience with live, accurate financial information.

## EDUCATION

**California State University, Fullerton**

May 2021

*Degree:* B.B.A Information Systems

*GPA:* 3.6 (Cum Laude)

## SKILLS AND COMPETENCIES

**Languages:** C#, JavaScript, Python, PowerShell

**Frameworks:** .NET, Node.js, Express.js, Flask

**Platforms & Cloud:** Azure, AWS, GCP

**Databases:** SQL, Kusto, PostgreSQL, SQL Server

**Dev Tools:** Git, Docker, AzureDevOps

**Networking:** Wireshark, PostMan, tcpdump, Nmap