

Katrina Slivkoff

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PROFESSIONAL EXPERIENCE

PNC *August 2021 - Present*

Software Engineer – Tech Lead

- Collaborate with Site Reliability teams to support Monitoring Configuration System
- Automate ETL processes for over 1.8 billion rows of data, ensuring near real-time data access for teams and leadership
- Develop PowerShell scripts to efficiently retrieve and store API data as JSON for further processing
- Implement PowerShell scripts to call SQL stored procedures, converting JSON data into structured tables for storage and analysis
- Deliver visualizations through Grafana and SSRS to effectively present data insights to customers

Technology Development Program Associate

Completed 12-month rotational program, gaining exposure to various teams and enhancing software engineering skills

- Streamlined Incident Collaboration plugin with Kore.ai Virtual Assistant, automating multiple tasks for the **Security Team**
- Developed frontend functionality for the Retrospective Web App, catering to Agile Methodologies in the **DevOps Team**
- Implemented new frontend features for the PNC Private Banking Web App, improving user experience and accessibility in the **Emerging Software Engineering Team**
- Built an automated solution with AutomationAnywhere, reducing error rate in SARs filed to FinCEN within the **Intelligent Automation Team**
- Created automated jobs to efficiently gather and present data for different lines of businesses in the **Associate's Choice – Site Reliability Engineering Team**

SKILLS

Languages: SQL, Powershell, HTML/CSS, JavaScript, Python

Visualization Tools: SSRS, Grafana, Power BI

Other: MS SQL Server, APIs, Agile Methodologies, VS Code, Postman, Remote Desktop, AutomationAnywhere, Kore.ai, Unity, MS Office Tools, UltraEdit, Jira, Confluence

EDUCATION

San José State University *San Jose, CA*
B.S. Computer Science, Cum Laude *August 2017 – May 2021*

LEADERSHIP

NCAA Division 1 Swimmer *San Jose, CA*
San José State University *August 2017 – May 2021*

2x Mountain West Scholar-Athlete Award, 1x Academic All-Mountain West Award

- Successfully balanced 20 hours a week of athletic activity with academics and a part time job

PROJECTS

Mountain West Football Map and Statistics *August 2023*

- Gathered and cleaned historical football data (2017-2022) from the Mountain West Conference
- Utilized Python for data analytics and generating statistics, including interactive data visualizations
- Developed a geographical map representation of MW teams and their performance
- Demonstrated clear and concise communication of complex data findings

College Football Statistics *May 2023*

- Successfully delivered an ETL data pipeline that enhanced data accessibility, accuracy, and visualization
- Project showcased expertise in PowerShell scripting, SQL data manipulation, and Power BI reporting, contributing to improved data-driven insights

Personal Portfolio Website *February 2023 - Present*

- Designed and developed a personal portfolio website, showcasing my skills and projects
- Employed HTML/CSS and JavaScript languages for creating an interactive and visually appealing user interface
- Utilized Visual Studio Code and Google Firebase tools for seamless development and deployment of the website