

# ALEXANDER PATTEN

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727-776-2877 | hello@alexpatten.me

## PROFESSIONAL EXPERIENCE

### Software Engineer | Oxley Enterprises

November 2022 – Present

- Manages and enhances C# solution inherited from another team, integrating it with a new database and deploying across multiple servers and environments.
- Specializes in well-architected Power BI reports, queries, and visualizations, providing valuable insights and enhancing decision-making processes.
- Works with APIs and REST to automate processes for the Veterans Affairs, optimizing workflows and reducing manual effort.
- Designed and developed PowerApps solutions, including Canvas apps for intuitive UI and data operations for Dataverse.
- Documents deployment procedures for both legacy and new applications, ensuring clear guidelines for implementation.
- Enhances and maintains legacy code, guaranteeing uninterrupted functionality of automation processes.
- Crafts and executes queries utilizing SQL Server Management Studio (SSMS).
- Utilizes PowerShell and VBA to drive seamless automations.

### Systems Engineer | UPC Insurance

August 2022 – November 2022

- Managed and created group policies in Azure and on-premises Active Directory.
- Deployed virtual production and UAT servers and licenses via Azure Endpoint.
- Managed, credentialed, and maintained Azure storage accounts, AWS S3 buckets, and file servers.
- Automated GoDaddy certifications report using C#/REST API to email team when a certification is set to expire within 14 days.
- Maintained all VMWare, Azure, and on-premises servers in production and lower environments by performing monthly patching and monitoring each server's performance.
- Automated software patching for user's local machines using combination of PowerShell and Microsoft Intune.

### Production Support Engineer | UPC Insurance

Jul 2021 – August 2022

- Developed and troubleshooted applications in C#/.NET by analyzing logs and source code, for example, resolving an authentication error with a program automating incoming emails by placing them in a Hyland OnBase repository to pick up and upload to claims.
- Automated extraction and validation of 40 TB of data from legacy vendor to Azure archive using Amazon's CLI and PowerShell, and saved data information such as file names and modified dates to a SQL database.
- Used PowerShell and SolarWinds to script and send notifications to appropriate teams when services, applications, or servers are down.
- Generated and automated requested reports from various databases using Microsoft SQL Server.
- Served as backup DBA to ensure core functions are supported when primary resources are no available.
- Developed automation using SolarWinds API to create and attach files to tickets and change requests, and to generate a report for the Change Approval Board to review.

## PROJECTS

### BranchingOut | April 2024

- Developed registration and login menu that encrypts credentials going to and from MySQL.
- Utilized AWS EC2 to collectively deploy updates in a Linux-based environment.
- Developed MVC inspired app using Java, HTML, CSS, and JavaScript.
- Created MySQL database and tables via AWS RDS.

### Cover to Cover | May 2023

- Created a user-friendly interface, allowing users to judge books by their covers and make selections using like/dislike buttons.
- Incorporated clickable links to Amazon, GoodReads, and Google for convenient access to further book details.
- Implemented JavaScript to call multiple book APIs and display book covers on the app.
- Developed as a web application using HTML, CSS, and JavaScript.

## KEY COMPETENCIES

Azure | DevOps | Agile | AWS | C#/.NET | Selenium | Unix/Linux | Java | Salesforce | Virtualization  
VMWare | SQL | JavaScript | Python | Test Automation | SOAP/REST API | Git | IAM | Version Control

## EDUCATION

**Bachelor's in Computer Science (Dec 2024)**  
Florida International University

**Associate's in Technology Management**  
St. Petersburg College, St. Petersburg, FL