ANDREW KOWALSKI

Chicago, IL • +1-312-438-1050 • Andrew.Kowalski18@gmail.com
linkedin.com/in/andrewpkowalski • github.com/Eenjoi88

PROFESSIONAL EXPERIENCE

Northwestern University, Evanston, IL   Oct 2021 – Present
Developer
- Upgraded Active Directory Forest Functional level and Domain Functional level to 2016
- Installed and promoted new Domain Controllers to Windows 2022 on-prem and in AWS
- Implemented CI/CD including configuring a GitHub repo and implementation of Jenkins (CloudBees)
- Owned, managed, and upgraded Cayosoft Administrator
- Collaborate with cross project teams of developers, test engineers, and product stakeholders within an Agile environment
- Set up new automation technologies to improve the velocity and quality of our engineering efforts
- Standardize, automate and document the setup of development and production environments
- Collaborate with peers on work estimation/planning and implementation of new versions/features of tools.
- Utilize knowledge of Splunk in root cause analysis

Akuna Capital, Chicago, IL   March 2020 – April 2021
Desktop Engineer
- Automated and optimized daily tasks using PowerShell
- Provided system analysis and monitoring
- Built and maintained a lab for testing and evaluating new hardware and software versions
- Utilized deep understanding of proprietary and 3rd party applications to improve efficiency and performance
- Provided mentorship and guidance to junior engineers

Group One Trading, Chicago, IL   Dec 2017 – March 2020
Systems Engineer
- Automated and maintained management of employee onboarding and exit process
- Leveraged software and scripting skills to automate processes in an Active Directory environment
- Utilized deep understanding of proprietary and 3rd party applications to improve efficiency and performance
- Diagnosed root causes for system failures on both hardware and software

EDUCATION & CERTIFICATIONS

DePaul University, Chicago, IL   **SAA-03 Solutions Architect**, AWS (In progress)
                                                       Azure Fundamentals, Microsoft Azure

PROJECTS

- Evolution of a WordPress application from single server to elastic using AWS EFS, ASG, and ALB with RDS and EFS
- Configured a Jenkins Server on an AWS EC2 instance
- Launched an AWS EC2 Web Server using CloudFormation
- Built, trained, and deployed a Machine Learning Model with AWS Sagemaker
- Added a CI/CD pipeline to an AWS S3 bucket
- Implemented a serverless architecture using AWS S3, API Gateway, Lambda, Step Functions, SNS & SES

PROFICIENCIES

- AWS Services
- Microsoft Azure
- IAM Best Practices
- Scripting
- Design and Architecture of evolving platforms