

Prashanth Kumar Keelu

Application and Integration Engineer.

Expertise in **PowerShell**

Familiar with **SQL Server, Active Directory.**

Find my work here:

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Hyderabad

Work Experience:

Senior Applications Engineer 05/2021 – Present.



ISSQUARED Inc.

ACCOMPLISHMENTS

- ❖ **Application Integration** – Integrated Orsus (IAM product) with ADP (HR Portal).
 - Developed automated PowerShell scripts - to sync users from ADP to SQL database.
 - Integrated via REST API – have done comparison and insertion of full and delta users.
- ❖ **Development** - Created GUI based Automated Installer (executable) - written in PowerShell.
 - To automate deployment of Identity Management software in just a few clicks.
 - Written more than 1000 lines of PowerShell code with customized options.
- ❖ **Application Support** – Currently working as Application SME in a leading Bank in US.
 - Built and Deployed Branch servers.
 - Troubleshooting end-to-end workflow of Transaction application and other applications.

CHALLENGES

- ❖ **Have done Performance testing of application** – worked with ~ 20 million SQL records.
 - Bulk load data – provision – measure and gather metrics.
 - Allocated required hardware - Re-deployed dlls after fixing issues with dev team.
 - Presented metrics to management in simple statistics.
- ❖ **ADP to database Sync** - too slow.
 - Re-designed the code to cache fetched data locally – compare locally – instead of fetching data on demand.
 - Reduced Full sync duration from 2 Hours to ~20 Minutes.
 - Reduced Delta sync duration from 30 Minutes to ~8 seconds.
- ❖ **Loginname case sensitive** – sync issue.
 - Utilized unused column – retriggered requests with correct case.
- ❖ **Window freeze** - background tasks freeze Product Installer UI.
 - Coded them to run parallelly in background using multithreading – Runspaces.
 - This reduced overall run-time, enabling inter-communication between runspaces.

TOOLS & PROJECTS

- ❖ Developed script to manage services:
 - Connects to remote servers.
 - Starts/Stops/Restarts customized services.
- ❖ Developed script to alert when bulk requests come.
 - Connects to Database, scans the data, triggers when threshold value is met.
- ❖ Developed script to search for errors and generate reports:
 - Searches across mentioned remote log files via wildcard.
 - Provides number of matched results, file paths, line numbers.
- ❖ Installed OpenLDAP server in CentOS to manage users and groups from scratch.
- ❖ Created three isolated environments for performance testing of products.
 - Includes installation and configuration of IAM products.
 - Working with testing teams and assisting them with various inputs.

SOFT SKILLS

- ❖ Presented product Installer demo to CEO along with other board members and team members.
 - Got appreciation from top management.
 - Answered brainstorming questions.
 - Got approval for further implementation.

BAU – BUSINESS AS USUAL

- ❖ **Resolving tickets:** Checking workflow – finding at which stage the problem is – retriggering/getting error info via SQL Database/Postman (REST API calls) and sending to developers – getting updated DLLs - deploying into client - dev – test – prod.
- ❖ **Developing PowerShell scripts:** For making manual tasks faster – scheduling them for repetitive tasks.
- ❖ **Bulk testing:** Bulk load of ~ Million users, Groups, Group Members in sandbox environment – discussing test results with dev team – getting improvements – deploying in client dev – test - prod.
- ❖ **Cross team collaboration:** Working with DevOps team to include customized deployments/pipelines – providing them with customized SQL commands – custom configurations of windows services.
- ❖ **Documentation:** Documenting all the processes/knowledge in internal Knowledge Base in Microsoft Teams.
- ❖ **Client Calls:** Liaising with vendor for necessary inputs and solving issues.
- ❖ **Knowledge Transfer:** Demonstration of new knowledge in weekly team call.

Senior Analyst 07/2018 – 05/2021 (2.10 years)



Deloitte Support Services India Pvt. Ltd.

ACCOMPLISHMENTS

- ❖ Removed clear text passwords from 1000+ websites and Upgraded 100+ servers to TLS1.2.
- ❖ Using LogParser, Microsoft Network Analyzer, Fiddler to find performance issues and to analyze logs and visualize it in Excel and reporting to business. – This helped visualize performance issues visually to the business.
- ❖ Gathered all service accounts from different contexts from 5000 servers – This helped in finding the server and context of service account.
- ❖ Created automated ticket generation in service now to trigger when service account expires – This helped in efficiently resetting the service account password.
- ❖ Created a single platform for all teams including App Management, Buss Apps team, and SQL team to collaboratively work in one place to schedule deployments. – This saved many manual email threads and miscommunications to schedule deployments.

Windows Systems Analyst 07/2015 – 03/2018 (2.8 years)



GTKonnect India Pvt. Ltd. - now acquired by EY.

ACCOMPLISHMENTS

- ❖ Created site-to-site VPN connection between company and clients.
- ❖ Installed OpenVPN server in AWS and connected with office network.
- ❖ Automated manual jobs for various FTP deployments.
- ❖ Created scripts for Deployments Using PowerShell, batch programming.
- ❖ Created customized alerts in Datadog Monitoring tool.
- ❖ Created customized solution for VPN, DR, and new websites for new clients.

Systems and Business Analyst 01/2014 – 06/2015 (1.6 years)



Changer Mints Pvt. Ltd.

- ❖ Business meetings, conferences, and pitched company products at Microsoft office – achieved BizSpark subscription.

Education & Certificates

- **Master's degree in computer science** from JNTU University.
- **Certified Kubernetes Administrator – CKA.**
- **Cisco Certified Network Associate – CCNA.**
- **AZ-900** Azure Fundamentals certification.

Fluent in: English Hindi Telugu

Besides work: Long Walks + Playing with my kids + Long bike rides.
