Gopi Swaroop Haribandla

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DevOps Engineer & Cloud Specialist

4+ years experienced, meticulous & detail-oriented Aws and Azure Cloud Specialist possessing a proven track record of server development & management, cloud management & automation, process enhancement, system administration. Adept at leading the development and deployment of SQL servers and multiple data warehousing concepts. Proficient in the deployment as well as management of cloud based infrastructure, especially on AWS and Microsoft Azure.

KEY SKILLS

• Server Management • Cloud Management • Migration to Cloud • Data Warehousing • Server Development | • Infrastructure Management • System Administration • Process Automation • Process Enhancement | • Data Migration • Stakeholder Management • Troubleshooting • Technical Training

TECHNICAL SKILLS

AWS/Azure/Cloud: AWS/Azure Automation with Terraform, CI/CD with Jenkins, Docker containerization, Kubernetes clustering, version controlling with git-hub, Ansible, chef, Docker swarm, AWS/Azure App Insights, Cloud stack, Open stack | Database: Oracle 9i/10g/11g, MS SQL Server, MySQL, PostgreSQL | Web/Application Servers: Tomcat, IIS Server, SQL Server

PROFESSIONAL EXPERIENCE

AWS/Azure DevOps Engineer Stack edge IT ltd, Hyderabad| Feb '17 - Dec '20

**ETL & Server Management**

* **Led** a team of **13 Software Engineers** to supervise Extract, Transform & Load (ETL) development via **SSIS** (Primary)
* Directed **SQL Server development** & deployed **Data Warehousing** concepts like Star Schema, Snow Flake, Fact Tables, etc.
* Monitored **Full/Incremental Daily Loads** and rendered support for all scheduled ETL jobs
* Implemented new T-SQL features in SQL Server like **Partitioning**, **Error handling**, Common Table Expression **(CTE)**, etc.
* Documented business/functional requirements & **reviewed** the **solution architecture** for ETL projects

**Cloud Management & Automation with DevOps**

* Developed & operated **proof of concept** (POC) labs for **A10 Cloud/SDN** solution integration with SDN and Cloud ecosystems
* Expertise in developing and automating tech stack on AWS technologies (Ec2, RDS, ELS, EBS, S3, VPC, Glacier, IAM, Cloud watch) with best practices.
* Designed **technical training material** for internal stakeholders to simplify and scale A10 Cloud & SDN solutions
* **Led 3 Engineers** for management & **migration** of traditional infrastructure to **cloud-based automated infrastructure**
* Played a key role in architectural discussions to design solutions & ensure successful **deployment** & **security** in the cloud
* Deployed **Ansible**, **Puppet, Chef**, etc. to independently develop automation & configure management **modules**

**Stakeholder Management**

* Collaborated with onsite/offshore development resources from delivery partners to **develop** & **test integrated solutions**
* Coordinated with a **team of 5 Developers** to **initiate Advance procedures**, triggers**, functions**, Indexes & exception handling
* Liaised with the **QA** team to **optimize queries** by creating various **clustered** and **non-clustered indexes**

**Troubleshooting & Application Management**

* Monitored production applications on AWS/Azure & **initiated corrective actions** based on customer feedback & surveys
* Deployed the solution on a high-availability shared service production environment
* Complied with the established **software development life cycle** methodology
* Conducted **feasibility studies** to diagnose data issues & **communicate** the **impact** of data problems on business

**Subject Matter Expertise & Performance Optimization**

* Deployed Python & PowerShell to conceptualize & **implement automated solutions** for common issues and procedures
* Performed **code reviews** to align solutions with architectural standards & **best practices** for meeting **quality standards**
* Proactively identified opportunities for implementing process enhancements
* Identified, formulated & **enhanced technical guidelines** and best practices for the Integration Development team
* Utilized **subject matter expertise** in **enterprise applications** to assess complex issues & architect technical solutions

SysOps Technologies

SysOps Engineer Stack edge IT ltd, Hyderabad| Feb '17 - Dec '20

**System Administration & Infrastructure Management**

* **Led** a team of **6 Engineers** to independently design and manage **monitoring** and **alerting systems**
* Directed system administration tasks for the **Linux** environment & deployed software in an always-on web environment
* Supervised **troubleshooting** of production issues and **updated infrastructure** with software patches

**Process Enhancement & Automation**

* Automated routine tasks via **Shell/Python/Ruby** scripting for **boosting** personnel **productivity** & organizational **efficiency**
* Recommended & implemented enhancements for **improving availability**, reliability & performance of **web applications**
* **Standardized** the **migration** process by defining templates

**Stakeholder Management & Leadership Support**

* Coordinated with the Tech. team to support the development of **cloud models** by deploying **data analysis** techniques
* Validated the model results to **articulate insights** for the business team & drive **Business requirements gathering**

Omega Inc.

Analyst - AWS/Azure Stack edge IT ltd, Hyderabad| Feb '17 - Dec '20.

**Application/Product Development**

* Independently developed and deployed **scalable** & **multi-threaded server-side applications**
* Directed **troubleshooting** and resolution of complex issues in **development**, **testing** and **production** environments
* Designed and **integrated A10 products** and technologies with various **Cloud, SDN** and **NFV** ecosystems

**Stakeholder Management**

* Collaborated with **Engineering**, **Product Management** and **Product Marketing** teams to create technical solutions
* Liaised with a cross-functional team of developers & engineers to **translate product requirements** into **automated solutions**
* Created **technical collateral** (solution brief, solution guides, videos, presentations) for **A10 customers** and **field engineers**
* Deployed **lift-and-Shift** & **refactoring migration strategy** in liaison with Application teams to transfer applications to AWS

EDUCATION

B. Tech

JNTU, Kakinada Chebrolu engineering college, A.P., | JUNE '10 - MAY '14

M. Tech

JNTU, Kakinada Chebrolu engineering college, A.P., | JUNE '19 - MAY '21