Email: jskhan84@hotmail.com

Junaid Khan

Cloud Solutions Architect/Advocate



Highly energetic Solutions Architect with wide range of experience in design, development, and cloud implementation using public or hybrid cloud. Outstanding performer with passion for creating impact & making difference.

Cloud Engineering | DevOps | Governance | Site Reliability | Monitoring | Data Center Migration | Security | Compliance

TECHNICAL SKILLS:

Cell: 862-325-0850

AWS Services VPC | EC2 | S3 | RDS | Lambda | Route53 | SNS | SQS | API Gateway | Cognito | ECS | EKS | IAM | CloudFront |

Cloud Watch | Migration Hub | Service Catalog | AWS Glue | Code Pipeline | Redshift | DynamoDB | ElastiCache

<u>Languages/Scripts</u> Python | C# | NodeJS | PHP | Angular | React | Shell Script | PowerShell Script

OS/Databases Linux | Windows | Postgres | Aurora | MS SQL Server | MySQL | Oracle

<u>DevOps Tools</u> Docker | Azure DevOps | CloudFormation | AWS Code Pipeline | Jenkins | Terraform | Ansible | Prometheus

CERTIFICATIONS

AWS Certified Solutions Architect-Professional

Architecting Microsoft Azura Salutions

AWS Certified SysOps Admin

Architecting Microsoft Azure Solutions

AWS Certified Solutions Architect-Associate

EXPERIENCE:

SOC & PCI CONTROLS ROLLOUT

- Performed key role in designing & implementation of various security controls which were essential for business-critical compliance & regulatory requirements (i.e., Payment Card Industry (PCI), SOC2, HIPPA). It helped business to be complaint all the time & successfully pass third party audits without any major findings which eventually resulted in more customer confidence & business.
- Collaborated with stake holders & defined unified release management process (with appropriate security controls) using CI/CD pipelines to improve overall efficiency & delivery time.
- Designed & rolled out a solution that consolidated ~1500 repos, 2000 build & release pipelines from 200 Azure DevOps projects to 10 SOC controlled projects that made rollout easier & sustainable.
- Simplified complex maintenance and administration tasks (Like Patching, Compliance & etc.) by leveraging suitable services and writing custom solutions for automation.
- · Designed and developed innovative compliance dashboard for leadership which provides detailed compliance status real-time.

BUY AND BILL REPLATFORM

- Reverse-Engineered multiple legacy HCP/Sales/Admin portals & redesigned them on configuration driven multi-tenant application which eventually reduced server footprint & operational overhead by 40%.
- Fully automated infrastructure and cloud provisioning for refactoring of high-volume web application which resulted in 4x cost reduction spent on hosting.
- Built reusable CI/CD pipeline components to hide deployment complexities & setup common standards across organization which resulted in 95% grow of error-free dev-to-prod code delivery. Complete elimination of manual deployment practice.
- Designed cloud native (serverless) event driven solutions which made integrations between various system easier & smooth.
- Improved product aesthetic and UX of the customers-facing portal, resulting in 80% increase in users' retention and 25% increase in conversion.
- Performed through analysis of wrapper legacy code & optimized DB queries for performance improvement which fixed frequent 504 timeout issues which was major pain point for customers & sales representatives.

DATACENTER MIGRATIONS

- Played vital role in performed cloud migration assessments, strategies defining delivery architecture, Inventory management, planning & prioritization to minimize project risk & complete data center migration before contract renewal.
- Introduced a factory approach to working to prevent stoppages. Adopted a sprint-based agile methodology that gave the business owners flexibility to reprioritize workloads as needed every week. Although speed was the top concern, we were able to reduce the cost of the project by accessing credits and discounts, including AWS services allowance.
- Successfully moved 90% of the workloads (~600 VMWare hosting ~1100 applications) to AWS cloud within just five months, allowing the company to give up its managed data center contracts and save money by 50%.
- Designed serverless/docker based solutions to break monolithic app into microservices to increase scalability and improve speed.
- Implemented robust solutions for end-to-end performance monitoring & notifications. Played vital role in resolving critical issues for enterprise application.