

# Gowreswar Reddy Kona

## AZURE ENGINEER

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### SUMMARY

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DevOps Engineer with 3+ years of experience in implementing and managing CI/CD pipelines, infrastructure as code, and cloud platforms. Skilled in automation tools such as , Git, and YAML. Proficient in cloud technologies such as Azure and AWS. Passionate about optimizing software development processes and delivering high-quality software products.

### CERTIFICATIONS

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- Microsoft Certified Azure Administrator (AZ-104)
- Microsoft Certified Azure Fundamentals (AZ-900)

### EXPERIENCE

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#### Azure Engineer, Capgemini

2021 - 2024

- Skilled in infrastructure provisioning, configuration, and management using Azure Resource Manager (ARM) templates, with expertise in defining and deploying scalable, secure, and efficient cloud infrastructure solutions.
- I have a proven track record in builds and deployments for multiple environments like Dev, Test, UAT, and Production.
- Proficient in utilizing Jira and Azure Boards to manage projects and workflows, with expertise in configuring and customizing boards.
- Good hands-on knowledge scripting YAML for CI/CD automation, enhancing workflow efficiency and scalability.
- Proficient in Source Code Management tools like Azure Repos Creating and managing repositories, branches Setting up branch policies and working on pull requests.
- Highly proficient in architecting and managing comprehensive, automated CI/CD pipelines utilizing Azure DevOps, ensuring seamless integration, testing, deployment, and monitoring of applications, and driving efficiency, quality, and reliability across the software development lifecycle.
- Experience in working on Azure services including Virtual Networks, Application Gateway, Load Balancer, App Service, and Storage Accounts, ensuring optimal utilization and performance.
- Experience in Azure Virtual Machines and Key Vaults, skillfully utilizing these services to enhance both security and operational efficiency.
- Supported in GO-Live activities, Launching application in smoother way into the Production.
- Consistent high achiever with a strong focus on delivering exceptional results and driving success.
- Excels in dynamic environments, leveraging exceptional problem-solving and decision-making skills to drive adaptability and leadership.
- Adapting to new technologies and innovations in response to shifting environmental demands.

## PROJECT - 1

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**Domain :** Furniture and home furnishings retailer

**Project :** Infrastructure maintenance

**Duration :** Jan 2021 to July 2021

**Team size :** 6

### Description :

Experienced Azure Infrastructure Engineer excels in developing and managing Azure services to meet organizational demands precisely. Adept at interpreting and implementing specifications from tickets to deploy, configure, and maintain various Azure resources. Possesses an advanced understanding of Azure architecture and best practices, optimizing resource utilization for enhanced scalability and reliability. Consistently delivers high-quality solutions promptly, while adhering to company standards and policies.

### Roles and Responsibilities :

- Deploys and configures virtual machines (VMs), virtual networks (V-Nets), Azure App Services, Azure SQL Databases, and other Azure resources.
- Expertise in optimizing resource utilization and ensuring scalability and reliability.
- Tracking ticket progress and updating ticket status as tasks are completed.
- Developing Infrastructure as Code (IaC) templates using tools like ARM templates.
- Identifying and resolving issues related to Azure infrastructure deployment.
- Documenting deployment processes, configurations, and troubleshooting steps for future reference.
- Collaborating with cross-functional teams to understand project requirements and dependencies.

## PROJECT - 2

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**Domain:** Banking

**Project:** On-premise to Azure application Migration.

**Duration:** Oct 2021 to Present.

**Team Size:** 9

**Applications:** Various Dotnet applications hosted On-premises.

### Description:

The bank aimed to modernize its IT infrastructure by migrating several on-premises applications to Microsoft Azure. This project involved a phased approach where, for each leap, four main applications were selected and moved to the Azure cloud.

## Roles and Responsibilities:

- Migrated code from local repositories to Azure DevOps.
- Established a structured branching strategy using feature branches to prevent disruptions in ongoing developments.
- Ensured seamless integration and deployment by setting up pipelines that automate the build, test, and deployment processes.
- Designed and implemented CI/CD pipelines for both front-end and back-end components individually.
- Worked closely with application owners and developers to gather requirements and develop solutions.
- coordinate with cross functional teams to ensure smooth integration and transition of applications to the cloud.
- Assisted application developers in troubleshooting reported issues, verifying bugs, and testing changes before release.
- Provided technical support to ensure the reliability and performance of applications post-migration.
- Documented all identified bugs, fixes, and enhancements in the relevant tracking systems.
- Maintained comprehensive records of the migration process, ensuring traceability and accountability.
- Contributed both independently and as part of a development team on multiple projects of varying size and complexity.
- Managed concurrent projects effectively, ensuring timely delivery and adherence to quality standards.

## SKILLS AND TOOLS

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- **Technical Skills:** Azure, Nexus Repository, CICD, YAML pipelines, ARM templates, Sonar Cube, Azure Repos, Azure Boards, ServiceNow, JIRA Boards.
- **Languages:** English, Telugu, Hindi, Kannada.

## EDUCATION

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- Bachelor of Technology in Electronics and Communication Engineering from REVA University (Bangalore) during 2015 and 2019.
- Intermediate in MPC from Narayana Junior College (Vijayawada) during 2013 and 2015.