

Prayanka Gochipatula

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- Phone: (+91) 8106228227
- Email address: mohan.and01@gmail.com
- LinkedIn: <https://www.linkedin.com/in/priyankamoses/>
- Address: 5-103/2b, Shanthi Nagar, HydershaKote, Hyderabad – 500091



CAREER SUMMARY

Overall, with 15 years of IT experience, I have consistently demonstrated a strong commitment to optimizing software development processes, fostering collaboration between teams, and driving continuous improvement in technology operations. My career summary can be highlighted as follows:

- I possess a deep understanding of DevOps principles, methodologies, and best practices. Throughout my career, I have honed my skills in automating deployment pipelines, orchestrating containerized applications, implementing infrastructure as code, and utilizing cloud technologies to enhance scalability and reliability.
- As a DevOps Lead, I have successfully managed and mentored cross-functional teams of engineers, fostering a culture of innovation and accountability. I have a proven track record of aligning team efforts with business objectives, setting clear goals, and empowering individuals to reach their full potential.
- I specialize in streamlining software development workflows by implementing CI/CD pipelines, automated testing frameworks, and monitoring systems. I have consistently reduced deployment times, minimized manual errors, and increased the overall efficiency of development cycles.
- I have led initiatives to design, implement, and maintain CI/CD pipelines that facilitate rapid and reliable application releases. By integrating automated testing, code quality checks, and deployment automation using YAML, PowerShell Scripts, I have significantly reduced release bottlenecks and improved software delivery frequency.
- I am proficient in using IaC like Terraform, Bicep to define and manage infrastructure as code. I have successfully orchestrated the provisioning of resources across multi-cloud and hybrid environments, ensuring consistent setups and minimizing manual configuration drift.
- Throughout my career, I have embraced Azure cloud platforms to architect scalable and resilient systems. I am experienced in containerization using Docker and Kubernetes, optimizing application deployment and management.
- I have implemented robust monitoring and alerting systems, utilizing tools like Splunk, AppInsights, SCCM to ensure the health and performance of applications. Through proactive monitoring, I have minimized downtime and optimized resource utilization.
- I prioritize security throughout the software development lifecycle. I have implemented security best practices, conducted regular vulnerability assessments, and ensured compliance with industry standards and regulations.
- I possess strong interpersonal and communication skills that have enabled me to collaborate effectively with development, operations, and business stakeholders. I have facilitated cross-team communication, ensuring that everyone is aligned towards common goals.
- I thrive in high-pressure situations and have a proven ability to troubleshoot complex technical issues quickly and effectively. I am skilled at root cause analysis and implementing long-term solutions to prevent recurring problems.

Prayanka Gochipatula

In conclusion, my 15-year career reflects a continuous dedication to driving innovation, fostering collaboration, and optimizing processes. I am passionate about leveraging cutting-edge technologies to deliver value-driven solutions and am excited to continue contributing to the ever-evolving field of DevSecFinOps.

TECHNICAL SKILLS

SCM/Version Control	: GitHub, TFS, BitBucket
DevOps Tools	: Azure DevOps, AWS DevOps, GitHub Actions, GitLab, Bamboo
Scripting Language	: Bash, YAML, PowerShell
Container Service	: Docker, Kubernetes
Microsoft Technologies	: .NET
Database	: SQL Server
IDE	: Visual Studio, PowerShell ISE
Operating Systems	: Windows
Methodologies	: Agile
Cloud Technology	: Microsoft Azure, AWS

ACADEMIC QUALIFICATION

- Master of Computer Applications (MCA) from Osmania University.

CERTIFICATIONS

- AZ-104 (Microsoft Azure Administrator [05/2024])
- AZ-900 (Microsoft Azure Fundamentals [07/2022])
- Microsoft Azure 70-532(Developing Microsoft Azure Solutions [11/2015]) – retired.

EXPERIENCE

Organization	Designation	Duration
Valuemomentum Pvt Ltd	Senior Tech Lead – Cloud Engineering	08-2015 to till date
Tech Mahindra	Module Lead	01-2013 to 07-2015
CtrlS DataCenter Pvt Ltd	Server Engineer	06-2011 to 12-2012
Nettlinx Ltd	System Administrator	07-2008 to 06-2011

VALUEMOMENTUM (08-2015 TO TILL DATE)

Project Name	DevSecOps
Client Name	Internal
Duration	Dec'23 – Till Date
Role	Senior Tech Lead
Technology Solution	Azure, GitHub Actions, ArgoCD, AzureDevOps, YAML, Azure PowerShell, Terraform

Prayanka Gochipatula

Responsibilities	<ul style="list-style-type: none"> Led the design and implementation of secure, automated CI/CD pipelines in Azure DevOps, Github actions using YAML for efficient and reliable deployments. Designed and deployed IaC solutions using Terraform and ARM templates for consistent and secure infrastructure provisioning AKS, ACR, Azure Functions, VM's etc with network and IP configurations. Worked on ArgoCD configurations to automate AKS configurations & deployments. Championed DevSecOps practices by integrating security tools and automated vulnerability scanning within the Azure DevOps pipeline. Ex: Synk, Checkov, OPA, Sonar, Veracode etc. Leveraged Azure Security Centre policies and automation to enforce compliance standards and proactively identify security risks. Developed and maintained Azure PowerShell scripts to automate repetitive administrative tasks and security configurations. Developed and maintained PowerShell scripts to automate adhoc tasks like reporting, logs analysis for RCA, alert cert & Keys expirations, export monitoring logs to DB for reporting purpose. Played a key role in developing a long-term roadmap for infrastructure and application deployment using DevOps principles. Played a mentor role to cross skill of team members and application team to adopt and maintain the devops pipelines and templates modifications related to future enhancements.
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Project Name	FinOps
Client Name	Hudson
Duration	Sep'23 – Dec'23
Role	Tech Lead
Technology Solution	PowerShell, Azure
Responsibilities	<ul style="list-style-type: none"> Implemented Azure workbooks and kql queries to get resources usage, Orphan resources, Underutilized resources list and cost data. Performed cloud data analysis and provided solutions to fill the gaps in the right sizing resources and optimise the usage as well as cost. Applied Azure advisory suggestions on existing resources. Created cost management reports for high level management and for operations teams. Implemented the PowerShell scripts to Start, Stop the VM, AKS, Database servers to shut down in non-working hours.

Project Name	Infrastructure As Code
Client Name	Internal
Duration	April'23 – Aug'23
Role	Tech Lead
Technology Solution	Bicep, Terraform and Ansible
Responsibilities	<ul style="list-style-type: none"> Implemented Terraform configuration files to provision azure, aws resources. Implemented terraform modules and integrated Git Repo as source.

Prayanka Gochipatula

	<ul style="list-style-type: none"> Implemented Ansible playbooks to provision azure resources and installing required software on target node machines. Integrated Ansible with Azure DevOps pipelines. Integrated Ansible with Git. Managed Terraform code from Ansible playbooks.
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Project Name	Platform Automation (PLATO)
Client Name	GEICO
Duration	Mar'18 – Mar'23
Role	Tech Lead
Technology Solution	PowerShell, Azure DevOps, C#, ASP.Net, JavaScript
Responsibilities	<ul style="list-style-type: none"> Collaborated with clients to determine project specifications and scope of CI/CD automation. Performed quality code review and removed technical debt and security vulnerabilities. Applied hardware engineering and software design theories to develop appropriate interfaces. Reviewed clients' overall app and infrastructure estate, business priorities and success criteria to design transformation plans. Implemented custom CI/CD tasks & extensions in PowerShell and C# as per application build & deployment requirements. Monitored and tested application performance to identify potential bottlenecks, develop solutions and collaborate with developers on solution implementation. Wrote and maintained custom scripts to increase system efficiency and performance time and implemented system security.

Project Name	Release Management Automation Tool (RMDA)
Client Name	GEICO
Duration	Dec'15 – Feb'18
Role	Senior Developer
Technology Solution	PowerShell, TFS 2015 Update2, RM 2015, SQL 2014
Responsibilities	<ul style="list-style-type: none"> Involved in the analysis, design, architecture, implementation, and management of OnPrem servers deployment process. Responsible for reviewing code and analysing the use cases with the business team. Solving technical issues by providing logical solutions. Developing PowerShell scripts, SQL queries to automate OnPrem server deployments.

TECH MAHINDRA (01-2013 TO 07-2015)

Project Name	ECO Service Operations
Client Name	Microsoft

Prayanka Gochipatula

Duration	Jan'13 – July'15
Role	Module Lead
Technology Solution	Tools : SCOM, Azure, IIS 8.0/8.5, Log Parser, Fiddler, SQL DB
Responsibilities	<ul style="list-style-type: none"> Assessed operant systems for efficiency and functionality, providing written suggestions on enhancements needed to meet operational goals. Designed technical upgrade paths, incorporating requested functionality and performance enhancements. Prepared reports and technical documentation of day-to-day production processes. Reviewed production schedules and streamlined processes. Deployed the web services with the help of Octopus tool and PowerShell scripts in both production and staging environments.

CTRLS DATACENTER PVT LTD (06-2011 TO 12-2012)

Project Name	Ctrls DataCenter
Client Name	Ctrls DataCenter
Duration	Jun'11 – Dec'12
Role	Sr System Administrator
Technology Solution	Tools : IIS - Web Servers, SQL DB
Responsibilities	<ul style="list-style-type: none"> Broke down and evaluated user problems, using test scripts, personal expertise, and probing questions. Documented technical issues and solutions to enable tracking history and maintain accurate logs. Researched and implemented new technologies and methodologies to improve support processes and provide better services to customers. Provided firewall and VPN management, server security and incident response. Supported project planning team to promptly address hardware and software problems and network emergencies. Attained efficiencies through implementation of a paperless document approval system and a new automated sales-to-delivery and order processing system.

NETTLINX LTD (07-2008 TO 06-2011)

Project Name	Nettlinx
Client Name	Nettlinx
Duration	July'08 – Jun'11
Role	System Administrator
Technology Solution	Tools : DHCP, DNS, IIS, FTP

Prayanka Gochipatula

Responsibilities	<ul style="list-style-type: none">• Installed important security and functionality patches to maintain optimal protection against intrusion and system reliability.• Designed proactive preventive maintenance schedules to prevent unnecessary downtime and hardware faults.• Provisioned new software and hardware for use, following established security policies.• Worked with users to determine areas of technology in need of improved usability. Contributed to development, administration and testing of disaster recovery plans.
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