

## Profile

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## Objective

DevSecOps Engineer with 6+ years of experience designing and optimizing secure, scalable CI/CD pipelines and cloud infrastructure. Skilled in Azure DevOps, GitHub, Terraform, Python, and PowerShell with a strong focus on automation, security integration (SAST/DAST), and GenAI-driven efficiency. Proven leader in modern DevSecOps practices and customer-centric, cost-effective engineering solutions

## Work History

**Ernst & Young - GDS,  
Kochi**

Nov 2022 - Present

### **SENIOR CONSULTANT - CLOUD & DEVOPS ENGINEER**

- Built and maintained secure CI/CD pipelines using **Azure DevOps** and **GitHub Actions** with integrated **SAST/DAST tools** (SonarQube, Mend), ensuring early vulnerability detection and secure deployments.
- Led **IaC-based** environment provisioning (Dev/Test/Stage/Prod) and pipeline integrations using **Terraform** and **Git**.
- Deployed containerized apps with **Docker**, **Kubernetes (AKS)**, and **Helm** using **Blue-Green** and **Canary** strategies to ensure zero-downtime rollouts.
- **GenAI DevSecOps Assistant**: Built an AI-powered tool using **Python**, **FastAPI**, **Azure OpenAI**, and **Langchain** to analyse CI/CD failures.
- **VM Automation**: Reduced VM deployment time from **3 days to 2 hours** through automated setup, config, and software install.
- **Cost Optimization**: Saved **35% monthly** cloud costs by automating VM shutdowns based on idle time using **Azure Runbooks** and **Logic Apps**.
- Built a **centralized Azure dashboard** using **Power Apps** to track resource usage, VM status, costs, and scaling actions.
- Developed a **GenAI-powered chatbot** for managing Azure VMs, storage, and DevOps work items via natural language.
- Earned **3× User Recognition Awards** for automation excellence and impactful DevOps solutions

Epam System,  
Bangalore

Aug 2022 - Oct 2022

#### SYSTEM ENGINEER

- Collaborated in cross-functional teams to support the design and deployment of cloud solutions, focusing on Azure services.
- Contributed to the automation of infrastructure tasks using PowerShell and Azure CLI.
- Supported CI/CD pipeline configurations and troubleshooting within Azure DevOps.
- Lectured Azure Devops Pipeline using YAML building from scratch.

Tata Consultancy  
Services, Bangalore

May 2019 - Aug 2022

#### SYSTEM ENGINEER

- Played a key role in migrating on-premises workloads to Microsoft Azure, focusing on IaaS and PaaS components.
- Developed and maintained PowerShell scripts for Azure resource management and task automation.
- Contributed to the setup and management of CI/CD pipelines in Azure DevOps for various client projects.
- Ensured system stability and performance through proactive monitoring and troubleshooting in Azure environments.
- Received On the Spot Award for utmost dedication and commitment.

#### Projects

Azure MCP Server - For GenAI application this azure mcp server will help to interact with our private MCP server - [Link](#)

GitHub to Markdown - This will make any GitHub repo into markdown will help giving context to LLM for helping in developing reference for the developments - [Link](#)

MCP Sample - This Repo contains sample about MCP concepts for personal learning and learning new AI concepts - [Link](#)

Google Books Search - This project uses Google Books API and using FastAPI as backend and React as frontend able to search any books available in Google API and show in frontend React application - [Link](#)

PowerShell Script - This Repo contains all PowerShell scripts using for DevOps engineer to working with cloud and regular activities by automating the process - [Link](#)

URL Shortener - This repo will help to shorten the long weburl to shorten to use - [Link](#)

## Achievements

- Received on the spot award for utmost dedication and commitment in TCS
- 3X Received User Recognition award for the contribution to the team and excellence in automation and DevOps in EY
- Received award for the automation of infrastructure and configuration of the azure virtual machines in EY
- Developed application with dashboard which as information about usage cost of resources, VM status and other details, ability to scale & Operation on VMs, azure advisor recommendations in single Power App application which optimized the infrastructure and products and easy to monitor all in one place to handle

## Certifications

- Microsoft Certified: DevOps Engineer Expert (AZ-400)
- AWS Certified DevOps Engineer Professional (DOP-C02)
- Hashi Corp Certified: Terraform Associate
- Google Cloud Certified: Associate Cloud Engineer (ACE)
- Microsoft Certified: Azure Administrator Associate (AZ-104)
- Passed Exam: Azure Architect Technologies (AZ-303)
- Microsoft Certified: Azure AI Fundamentals (AI-900)
- Microsoft Certified: Azure Fundamentals (AZ-900)
- Earned 3 EY Bronze Badge for Azure & Cloud & AI Engineering

## Educations

Rajalakshmi Engineering  
College, Chennai.  
2015 - 2019

Bachelor of Electronics & Communication  
Engineering

## Skills

- CI/CD & Automation
- Azure DevOps
- GitHub Actions
- Terraform
- Programming & Scripting
- Python & PowerShell
- Mend/Whitesource
- Vulnerability Management
- Azure Security Center
- Network Security Groups (NSGs)
- Azure Firewall
- Containerization & Orchestration
- Docker & Kubernetes & Helm
- Azure WebApps, SQL, ADLS, Monitor, Log Analytics
- Azure Monitor
- Log Analytics
- Monitoring & Logging
- Databases PostgreSQL
- Networking Azure VNet
- Load Balancers
- Application Gateway
- ExpressRoute
- Methodologies
- Agile
- DevSecOps
- Continuous Integration/Deployment/Delivery
- AI/ML & GenAI & MCP
- AI Agents & FastAPI, Streamlit