

Gokulakrishnan Mahesh

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CAREER OBJECTIVE

Highly motivated and detail-oriented Computer Science graduate with a strong foundation in cloud computing, DevOps, and software development. Passionate about leveraging expertise in Microsoft Azure, AWS, and Python to design, implement, and optimize scalable solutions. Committed to continuous learning, adapting to emerging technologies, and contributing to impactful, innovative projects in a dynamic work environment.

SKILLS

- **Cloud Platforms:** Microsoft Azure, AWS (Cloud Practitioner)
- **DevOps:** Azure DevOps Fundamentals, CI/CD Pipelines
- **Programming:** Fundamentals of Python (CourseEra Certified), Basic Scripting
- **Other:** Git/GitHub, Docker, Fundamentals of Kubernetes

EDUCATION

- **B.E. in Computer Science and Engineering**, Saveetha School of Engineering, Chennai *May 2025*
CGPA: 7.9/10

INTERNSHIP EXPERIENCE

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| Cloud Intern — Fourth Dimension Technologies, Chennai | <i>Jul 2025 – Sep 2025</i> |
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- Gained hands-on experience with Azure fundamentals including resource creation, virtual networks, storage accounts, and monitoring.
- Supported deployment and configuration of virtual machines, access control, and cost optimization tasks.
- Configured VNets with peering, App Services, and VPN Gateways for P2S/S2S connectivity.
- Assisted with Azure Load Balancers and Application Gateway setups, and implemented Azure Site Recovery.
- Managed user identities and permissions through Azure Active Directory.
- Prepared technical documentation and contributed to internal best-practice development.

PROJECTS

- **Containerized Web Application Deployment on Azure**

Deployed a Netflix-clone web application on a Linux Virtual Machine (VM). Installed and configured Git to clone the project repository, then used Docker Compose to build a custom Docker image and run the application as a container. After successful deployment, pushed the container image to Azure Container Registry (ACR) for secure storage and future automated deployments across Azure services. *Key skills: Linux VM, Git, Docker, Docker Compose, Containerization, Azure Container Registry (ACR), Cloud Deployment*

- **Azure DevOps CI/CD Pipeline for Containerized Application Deployment**

Imported a sample application into Azure DevOps and created a CI/CD pipeline using the Classic Editor. Configured tasks to build the application, containerize it using Docker, and push the image to Azure Container Registry (ACR). Set up a release pipeline to deploy the containerized application to Azure App Service using service connections and automated deployment triggers. *Key skills: Azure DevOps, CI/CD, Docker, ACR, Azure App Service, YAML Scripting*

CERTIFICATIONS

- AWS Cloud Practitioner Essentials
- Oracle Cloud Infrastructure 2025 Generative AI Professional
- AWS Workshop Participation Certificate
- Python Programming — CourseEra