

# SURYA GS

Mail: suryags718@gmail.com | Ph: 9380434492 | LinkedIn- [www.linkedin.com/in/surya-gs-4948b5180](https://www.linkedin.com/in/surya-gs-4948b5180) -  
| <https://github.com/Surya-Gs> | Bengaluru

## SUMMARY:

Dynamic professional with over 3+ years of comprehensive experience in Cloud and DevOps. Proficient in Azure and AWS cloud platforms, with a strong focus on CI/CD integration and container technologies.

## SKILLS AND ABILITIES:

- Version control: **Git**
- Source control: **GitHub**
- Containerization and orchestration: **Docker, Kubernetes**
- Container management tools: **minikube, Datree, monokle**
- Configuration management: **Puppet, chef**
- Scripting: **Bash, Python**
- Data serialization languages: **YAML, JSON**
- CI/CD tools: **Jenkins**
- Cloud platform: **Azure, AWS**
- Infrastructure as a code (IaC): **Terraform**
- **Network and security:** Understanding of network principles and security best practices, including firewalls, VPN, SSL/TLS, and encryption methods.
- Monitoring and logging: **Prometheus**, Grafana, **Azure monitor**, Azure log analytics
- DevOps tools: **Jira, Maven**, Visual Studio Code, **Lens** (Managing Kubernetes)
- Problem-solving ability

## EXPERIENCE:

Associate-2, **PricewaterhouseCoopers**, Bengaluru 2021-PRESENT

### Projects:

#### Tropicana-Data platform and migration

- Architected and implemented modern data warehouse solutions on the Azure platform, utilizing services such as **Azure Synapse Analytics, Data Factory, and Databricks, Azure Key vault.**
- Designed and optimized data pipelines for efficient data ingestion, transformation, and loading processes.
- Implemented data governance and security measures to ensure compliance with regulatory requirements and protect sensitive data.
- **Leveraged automation and DevOps practices** to streamline deployment, configuration, and management tasks, reducing manual effort and increasing efficiency.
- Collaborated with cross-functional teams to gather requirements, design solutions, and deliver **high-quality data products that meet business needs.**
- Conducted **performance tuning and monitoring activities** to optimize data processing workflows and ensure optimal system performance.

#### Factory Intelligence:

- Developed and maintained automated deployment scripts and processes for **AWS IoT Greengrass** deployments using **Terraform**.
- Managed the AWS infrastructure required for AWS IoT Greengrass, including provisioning, and configuring the resources.
- Implemented security best practices and compliance standards for AWS IoT Greengrass environments, including **IAM roles and policies**, encryption, access controls, and **auditing**. Conduct regular security assessments and vulnerability scans to ensure the integrity of the deployment.
- **Monitored** resource utilization and **performance** metrics to anticipate capacity requirements and scale AWS IoT Greengrass deployments accordingly. Implemented auto-scaling policies and strategies to dynamically adjust resources based on demand.

## EDUCATION:

**Bachelor of Engineering** in Electronics and Communication 2016-2020  
Sri Venkateshwara College of engineering (VTU), Bengaluru

## CERTIFICATIONS:

<b>AWS Certified Solutions Architect</b> - Associate – AWS	2022
<b>Microsoft Certified: Azure Fundamentals</b> – Microsoft	2021
<b>Microsoft Certified: Azure Administrator Associate</b> - Microsoft	2023
<b>Microsoft Certified: DevOps Engineer Expert</b> – Microsoft	2024

**INTERESTS:** Farming, Trekking, Sports, Art, Music, Cinema