

**SAI TEJA DUGYALA(HE/HIM)**  
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## CAREER PROFILE

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Results-driven DevOps and Site Reliability Engineer with over 2 years of experience in designing, implementing, and managing scalable, reliable cloud infrastructure solutions. Skilled in leveraging a wide array of DevOps tools including Jenkins, Ansible, Kubernetes, Docker, and Terraform to enhance deployment reliability, automate workflows, and ensure infrastructure consistency. Proven track record in incident management, infrastructure as code (IaC), and proactive monitoring, supporting high availability for production environments. Known for strong collaboration skills, working closely with cross-functional teams to meet performance goals, ensure security compliance, and drive continuous improvement. Passionate about utilizing emerging technologies to optimize processes and boost operational efficiency.

## EDUCATION

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<b>Ontario College Graduate Certificate in Cloud Computing</b> Loyalist College-Ontario	May 2024 - Dec 2025
<b>Bachelor of technology in Electrical and Electronics Engineering</b> Lovely Professional University-Phagwara, India	Jun 2017 - May 2021

## EXPERIENCE

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### DevOps/SRE Engineer

Tata Consultancy Services, Hyderabad, India  
08/2022 – 02/2024

- **System Reliability:** Ensured high reliability and availability for Myntra's production infrastructure through proactive monitoring, incident response, and performance optimization.
- **Automation & IaC:** Developed automation tools and scripts for deployment, configuration management, and CI/CD pipelines using Terraform, Ansible, and Python, ensuring efficient and repeatable processes.
- **Scalability:** Worked closely with engineering and observability teams to design and implement scalable solutions, supporting increased workloads and traffic with minimal disruption.
- **Incident Management:** Part of the on-call rotation, managing incidents, performing root cause analysis, and implementing preventive measures to avoid future occurrences.
- **Monitoring & Alerting:** Built and maintained monitoring, alerting, and logging solutions to proactively address issues and support continuous improvement.
- **Security:** Collaborated with security teams to perform regular security audits and vulnerability assessments, ensuring compliance and robustness.
- **Capacity Planning:** Analyzed system performance and provided recommendations for capacity planning and optimization to meet demand fluctuations.
- **Documentation:** Created and maintained detailed documentation for system configurations, incident response procedures, and best practices.

### DevOps Engineer

Tata Consultancy Services, India  
07/2021 – 07/2022

- **Deployment Optimization:** Improved deployment times by 40% through CI/CD automation, enhancing reliability and reducing manual workload.
- **IaC & Configuration Management:** Standardized infrastructure across environments with CloudFormation and Ansible, achieving consistent deployments.
- **Cost & Performance Optimization:** Led cloud resource optimization initiatives, cutting costs by 20% while maintaining performance and availability.

## Internship

Electronics Corporation of India Limited, Hyderabad, India

06/2019-08/2019

Learnt and completed the project work/internship on "A New Transformer Less Buck Boost Converter With Positive Output Voltage" in MATLAB

## SKILLS AND INTERESTS

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### Technical Skills

- **Cloud Platforms:** AWS, Azure and GCP
- **Containerization & Orchestration:** Docker, Kubernetes
- **CI/CD Tools:** Jenkins, GitHub Actions
- **Configuration Management:** Ansible, Puppet
- **IaC & Automation:** Terraform, CloudFormation
- **Programming & Scripting:** Python, Go, Bash
- **Monitoring & Logging:** Prometheus, Grafana, ELK Stack, Splunk
- **Version Control:** Git, GitHub
- **Collaboration & Communication Tools:** Slack, Microsoft Teams, Postman
- Unix, Oracle VM, MATLAB Simulink
- **Soft skills:** Communication, Problem-solving, Adaptability

## PROJECTS

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- **Go REST API for Task Management:** Developed a RESTful API using the Go programming language and the net/http package, implementing full CRUD functionality for task management. This project used in-memory storage and was documented for future scaling.
- **Twitter API Interaction Project:** Created a solution to interact with the Twitter API in Go, covering tweet posting, deletion, OAuth authentication, and error handling with a detailed README.md and project documentation.
- **Collaborative Go App Project:** Contributed to a team project where we developed a Go app with a shared GitHub repository, focusing on building functions, collaborative coding, and Git-based version control.
- **Chat bot automation:** Implemented chatbot automation, enhancing user interaction and support efficiency. Utilized DevOps tools such as Docker for containerization, Jenkins for continuous integration and deployment, Kubernetes for orchestration, and Ansible for configuration management. Streamlined deployment processes and ensured scalable and reliable chatbot performance.
- **Implemented Three Tire Architecture with AWS:** Implemented a three tier Architecture that is highly available And scalable using Terraform and deployed the application On Ec2 Instances using the User Data script.

## CERTIFICATIONS

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- **Core JAVA Training Program** - TCS
- **Web Development Training Program** - TCS
- **Advanced Kubernetes Usage** - Udemy
- **DevOps with AWS** - LinkedIn Learning
- **DevOps with AWS** – HeyDevops