

DONTHOJU SAI KIRAN

DevOps & Cloud Engineer | Microsoft Certified: Azure Administrator Associate (AZ-104)

Hyderabad, India • +91 9652680012 • donthojusaikiran@gmail.com
dsaikiran.in • linkedin.com/in/donthoju-sai-kiran • github.com/Donthoju-SaiKiran

PROFESSIONAL SUMMARY

Microsoft Certified Azure Administrator (AZ-104) and DevOps Engineer specializing in cloud infrastructure automation, CI/CD pipeline development, and container orchestration. Skilled in Docker, Kubernetes, GitHub Actions, Terraform, Linux, and Python. Proven track record of designing secure multi-tier architectures, reducing deployment overhead by 40%, and standardizing reliable release workflows.

TECHNICAL SKILLS

Cloud & DevOps: Microsoft Azure (AZ-104), Docker, Kubernetes, CI/CD Pipelines, GitHub Actions, Jenkins, Ansible, Terraform

Languages & Scripting: Python, Bash / Shell Scripting, Linux (Ubuntu/Debian), REST APIs

Infrastructure & Tools: Git, GitHub, Virtual Networks (VNETs), NSGs, System Debugging, Agile Workflows

PROFESSIONAL EXPERIENCE

DevOps Intern | Hikari Webworks June 2025 - June 2026 (Completed)

- Orchestrated containerized deployments and automated CI/CD build workflows for production client systems.
- Configured cloud infrastructure, DNS routing, domain lifecycle, and SSL/TLS certificates for zero-downtime rollouts.
- Monitored live server environments, implemented automated health checks, and maintained high operational availability.

Software Development Intern | Artificial Intelligence Robots Macrocosm Pvt Ltd March 2023 - May 2023 (Completed)

- Enhanced the Veronica codebase in VS Code 2022, resolving errors and boosting runtime performance by 20%.
- Migrated legacy C# modules to Python, improving cross-platform compatibility and system maintainability.
- Integrated ChatGPT Open API into the mission planner to automate decision-support workflows.

KEY CLOUD PROJECTS

Three-Tier Application Deployment on Azure Azure, Linux, Docker, Git

- Designed and deployed a secure three-tier architecture (web frontend, backend API, database) on Azure Linux VMs.
- Containerized application services using Docker, cutting environment spin-up time by roughly 50%.

End-to-End CI/CD Pipeline on Azure GitHub Actions, Azure, Docker, Linux

- Built an automated CI/CD pipeline with GitHub Actions, reducing manual deployment effort by 40%.
- Automated Docker image builds, artifact testing, and continuous zero-downtime deployments to Azure Linux VMs.

CERTIFICATIONS

- Azure Administrator Associate (AZ-104)** - Microsoft
- Programming Essentials - Infosys Springboard (2025)
- Introduction to Internet of Things - NPTEL
- Azure DevOps Course - Digital Edify

EDUCATION

B.Tech - Computer Science & IoT

Siddhartha Institute of Tech. & Sciences (2022 - 2026)

Intermediate - MPC

Narayana Junior College, Hyderabad (2019 - 2021)