

Mansoor Basha Dudekula



dudekulamansoorbasha20@gmail.com



+91 8919549162



<https://www.linkedin.com/in/mansoor-basha011/>



<https://github.com/Mansoor0194>

SUMMARY

Entry-level AWS & DevOps Engineer with practical skills in Git, Maven Ansible, Jenkins, Docker, Kubernetes, and Terraform for automating deployments and managing cloud environments on AWS (EC2, S3, IAM, DNS, VPC, EFS, Lambda, CloudWatch and other AWS core services). Eager to contribute to efficient and reliable cloud-based solutions.

SKILLS

AWS Cloud:	IAM, EC2, S3, EFS, VPC, DNS, Route 53, ELB, EKS, Lambda, Amazon Textract, EBS, CloudWatch, CloudFront, CloudFormation.
DevOps Tools:	Git, Maven, Ant, Ansible, Jenkins, Docker, Kubernetes, Terraform, Nagios, Grafana.
Concepts:	CI/CD Automation, Infrastructure as Code (IaC), Cloud Security, Monitoring, Troubleshooting.
Programming and Scripting:	HTML, CSS, Python, Shell Scripting.

EDUCATION

Master of Computer Applications (MCA)	2023-2025
Princeton PG College of Information Technology CGPA: 8.3	Hyderabad, Telangana.
Bachelor of Science (Computer Science)	2019-2022
Government Degree College, Kukatpally CGPA: 8.46	Hyderabad, Telangana.

PROJECTS

PROJECT 1:

Personal Portfolio Website

Designed and developed a personal portfolio to showcase projects and skills. Hosted on GitHub Pages with automated updates triggered by every code commit. Reduced manual deployment time by 30% through automation and version control best practices.

Technologies: HTML, CSS, and JavaScript and GitHub Actions.

PROJECT 2:

Water Quality Prediction using Machine Learning

Developed a Django web app predicting water quality using ML models (Random Forest, Logistic Regression). Achieved 92% accuracy by applying data preprocessing and hyperparameter tuning. Integrated responsive UI, and Git-based collaboration.

Technologies: Python, Django, Scikit-learn, Pandas, NumPy.

EXPERIENCE

Junior DevOps Engineer Intern — Cognisys AI (Apr 2025 – Jul 2025)

- Contributed to the AI Student Skill Assessment System (AI Core) project, focusing on automation and cloud integration.
- Developed and deployed AI-based assessment modules using Python, AWS, APIs, and NLP for intelligent skill evaluation.
- Collaborated with the AI development team in an Agile workflow, ensuring quality and timely delivery of project milestones.
- Improved deployment efficiency by 25% through AWS optimization and automation.

CERTIFICATIONS

- **AI DevOps Engineer** — Skill India (Mar 2025)
- **DevOps Course Certificate** — Naresh IT (Aug 2023)
- **Magic Bus Livelihood Program** — N.S.D.C (Mar 2023)

ACHIEVEMENTS & LEADERSHIP

- **Leadership Role (AIDSO – Mar 2022):** Advocated for student education reforms at the state level.
- Actively participated in student rights campaigns and academic improvement initiatives.

TECHNICAL KEYWORDS

AWS Cloud, EC2, S3, IAM, Lambda, RDS, Route53, VPC, CloudWatch, EKS, CloudFront, Terraform, Docker, Kubernetes, Jenkins, Git, GitHub Actions, Ansible, CI/CD, Infrastructure as Code, Python, Shell Script, Automation, Monitoring, NLP, API Integration, DevOps Practices, Agile, CloudFormation, Cloud Security, Cost Optimization