

DINESH KUMAR CHALLA

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PROFESSIONAL SUMMARY

Aspiring DevOps and Cloud Engineer with hands-on experience in AWS, CI/CD pipelines, and automation tools like Terraform, Ansible, and Jenkins. Passionate about scalable cloud infrastructure and modern deployment strategies. Seeking internship or full-time opportunities to apply skills in AWS, automation, and containerization.

TECHNICAL SKILLS

- **Programming:** C, Python, Java, SQL
- **Cloud & DevOps:** AWS (EC2, VPC, S3, Lambda, DynamoDB, SQS, Route 53, CloudFront, Elastic Beanstalk, ALB), Docker, Terraform, Ansible, Jenkins, Kubernetes
- **Other Tools:** Linux, GitHub, Power BI (Basic)
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Web:** HTML, CSS
- **Soft Skills:** Effective Communication, Decision Making, Team Collaboration

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science and Engineering (Data Science)

Aditya University

September 2022 - May 2026 | GPA: 8.19 / 10.0

Relevant Coursework: Data Science, Machine Learning, Comparison of Learning Algorithms, Computational Theory

Higher Secondary Education (Class XII) in Mathematics, Physics, Chemistry

Aditya Junior College

2020 - 2022 | CGPA: 917/1000

Secondary Education (Class X)

st.mary's EM High School

2019-2020 | Percentage : 70.6%

TRAINING & INTERNSHIP

textbfAWS Development Intern — Technical Hub, Surampalem, India

2024 - 2025

- Applied AWS Developer Associate knowledge to design and deploy infrastructure using EC2, VPC, and Linux, improving system reliability by 40%
- Configured and optimized Application Load Balancer (ALB) to handle high-traffic systems, enhancing performance and request distribution by 35%
- Built and deployed serverless applications with AWS Lambda and S3, reducing backend maintenance time by 30%
- Created secure IAM roles and policies to strengthen access control and improve cloud resource security by 25%
- Integrated AWS CodePipeline and CodeBuild for CI/CD automation, accelerating deployment cycles by 45%

PROJECTS

Automated CI/CD Pipeline

- Designed a full CI/CD pipeline using Terraform, Ansible, and Jenkins for automated infrastructure provisioning and code deployment
- Reduced deployment time by 60% and improved consistency across development environments

Cloudy AI Chatbot (Gemini API)

- Built a Flask-based web chatbot using Google Gemini API for DevOps and Cloud Q&A
- Integrated Pytesseract for OCR-based input; created domain-specific personas for accurate technical replies

CERTIFICATIONS

- **AWS Certified Developer – Associate** – AWS Academy
- **AWS Cloud Developing & Cloud Foundations** – AWS Academy Graduate
- **AWS Cloud Web Application Builder (Capstone)** – AWS Academy Graduate
- **NDG Linux Unhatched Certification**
- **CCNA: Introduction to Networks** – Cisco
- **Docker Essentials** – IBM Skills Network