

VENKATESH MADIPALLI

DevOps Engineer | Software Developer

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PROFESSIONAL SUMMARY

Results-driven DevOps Engineer and Software Developer with 5+ years of experience specializing in cloud infrastructure, CI/CD automation, and mobile application development. Demonstrated expertise in deploying scalable applications using AWS, Azure, and Firebase, implementing robust automation pipelines, and optimizing system performance. Proven track record of reducing deployment time, enhancing system reliability, and streamlining development workflows through effective DevOps practices.

TECHNICAL SKILLS

DevOps & Infrastructure

AWS (EC2, S3, Lambda, CloudWatch), Azure Cloud, Firebase Cloud Platform, Linux/Windows Server Administration, CI/CD Pipeline Design, Infrastructure as Code, System Monitoring & Logging, Bash/Shell Scripting

Development & Frameworks

Flutter (Dart), Android (Java, Kotlin), Cross-platform Mobile Development, State Management (Provider, Bloc, Riverpod), RESTful API Development

Backend & Cloud Services

Firebase Suite (Authentication, Firestore, Cloud Functions, FCM), REST APIs, Laravel Framework, Serverless Architecture, AWS Services

Tools & Technologies

Git/GitHub, Docker, Android Studio, VS Code, Firebase Console, AWS Console, Google Play Console, Figma, Postman

Methodologies

Agile/Scrum, DevOps Best Practices, Continuous Integration/Continuous Deployment, Test-Driven Development

PROFESSIONAL EXPERIENCE

Senior Mobile App Developer & DevOps Engineer

Jippymart | Vijayawada, India | May 2025 – Present

- Architected and maintained CI/CD pipelines for Flutter applications, reducing deployment time by 60% through automated build processes and Play Store integration
- Designed and implemented scalable cloud infrastructure using AWS and Firebase, handling 10,000+ daily active users with 99.9% uptime
- Automated infrastructure provisioning and configuration management, eliminating manual setup errors and reducing deployment time from hours to minutes
- Implemented comprehensive monitoring and logging solutions using AWS CloudWatch and Firebase Analytics to track application performance and ensure system reliability
- Optimized cloud resource utilization across AWS and Firebase, resulting in 30% cost reduction while maintaining performance standards
- Collaborated with cross-functional teams to establish DevOps best practices and streamline development workflows

Android Developer

Exedos Technologies | Vijayawada, India | Nov 2020 – Apr 2025

- Developed and deployed production-ready Android applications serving 5,000+ users with seamless backend API integration
- Implemented automated deployment workflows using Firebase Cloud Functions for push notifications and real-time data synchronization
- Performed system monitoring, debugging, and proactive maintenance to ensure 98%+ application availability
- Created automation scripts for routine maintenance tasks, reducing manual intervention by 40%
- Integrated REST APIs with proper error handling and implemented caching strategies to enhance app performance
- Collaborated with QA teams to implement automated testing frameworks for continuous integration

KEY PROJECTS & DEVOPS ACHIEVEMENTS

Lyrik Music App

Implemented end-to-end CI/CD pipeline with automated testing, code quality checks, and seamless Play Store

deployment, reducing release cycle from 3 days to 4 hours

Sajini Garments E-commerce Platform

Integrated backend services with automated testing workflows and implemented blue-green deployment strategy for zero-downtime releases

LWP Water Plant Management System

Architected real-time data processing backend using Firebase with automated alert notifications, ensuring 24/7 system monitoring and instant incident response

Multi-platform Delivery System (Customer & Driver Apps)

Developed comprehensive deployment automation scripts with rollback capabilities and implemented centralized logging for streamlined troubleshooting

Restaurant Management Application

Deployed cloud-based analytics infrastructure and automated push notification workflows, improving customer engagement by 45%

EDUCATION

Bachelor of Technology in Computer Science & Engineering

Malla Reddy Institute of Engineering and Technology (MIET) | Vijayawada, India | 2020

CERTIFICATIONS

- Flutter Development & Firebase Essentials
 - DevSecOps Fundamentals
 - AWS Cloud Fundamentals (in progress)
 - Azure Cloud Fundamentals (in progress)
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ADDITIONAL INFORMATION

Languages: English (Professional), Telugu (Native), Hindi (Conversational)

Availability: Immediate

Work Authorization: Authorized to work in India