

# Murali Krishna L

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## Dear Reader,

I'm Murali — a builder at heart who loves combining code, cloud, and system-level thinking to bring solid, scalable solutions to life. Thank you for taking the time to view my work — DevOps and cloud engineering are areas I genuinely enjoy working in, where automation meets reliability and everything clicks when the pipeline runs clean.

While I'm still early in my journey, I've been doing more than exploring tools — I've been shipping things. Recently, I built a complete Flutter + Firebase-based application with full auth flows (admin and student), user creation/editing, and an automated CI/CD pipeline that compiles the APK, deploys it via GitHub Actions, and uses rclone to push it securely to Google Drive — all from a private repo with secrets management. The idea was to build real and clean, not just functional.

I'm comfortable working in Linux environments, with Python scripting, Docker, and GitHub Actions, and I've been getting deeper into CI/CD principles, monitoring (Grafana, Datadog in progress), and cloud tools like AWS (IAM, EC2, S3), Firebase (Firestore/Auth), and GCP. I've also used MySQL, Firestore, and MongoDB depending on project needs — always keeping an eye on observability, uptime, and error tracking.

Outside of typical projects, I enjoy stretching myself. Lately I've been:

- Building a neural network from scratch in raw C++ — no libraries — to deeply understand how AI works under the hood.
- Prototyping a time-loop game inspired by Tenet and Portal using Godot, Flask, GitHub Actions, and cloud storage deployment.
- Revisiting RTL and SoC-level systems to stay true to my ECE roots in system design and low-level thinking.

What excites me about DevOps is the clarity it brings — when everything from commit to deploy to monitor just works. It's the kind of clean engineering I want to grow in.

I may be fresh out of college, but I bring grit, curiosity, and systems-first thinking. I'd love the chance to work with a team where I can learn fast, build smart, and contribute to robust DevOps and cloud-based solutions.

Thanks again for reading this — means a lot.

Warm regards,

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