

KRISHNA GSVV

Software Engineer | Python · Node.js · REST APIs · Docker · AWS | Bengaluru, India

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CAREER OBJECTIVE

Final-year CSE student (graduating July 2026) with proven ability to ship production-grade backend systems — 2,100+ extension users, 72+ Docker research pulls, four national hackathon wins. Strong Python, Node.js, REST API, Docker, and AWS foundation. Seeking SDE1, Junior Backend Engineer, or Associate Software Engineer roles where I can own features end-to-end, contribute to scalable distributed systems, and grow rapidly in a high-impact engineering team.

EDUCATION

B.Tech — Computer Science & Engineering — Amrita Vishwa Vidyapeetham, Bengaluru

2022 – Jul 2026

CGPA: 8.55/10 | Expected Graduation: July 2026

TECHNICAL SKILLS

Languages: Python, JavaScript, SQL, C

Backend: Flask, FastAPI, Node.js, Express.js, REST APIs, GraphQL, Microservices, gRPC basics

Frontend: React, HTML5, CSS3, Bootstrap

Databases: PostgreSQL, MySQL, MongoDB, SQLite — schema design, indexing, query optimisation

Cloud & DevOps: AWS (CCP Certified), OCI (Architect Associate), Docker, Kubernetes basics, GitHub Actions CI/CD, Cloudflare Workers

AI / ML: TensorFlow, scikit-learn, Pandas, NumPy, Ollama, MediaPipe

Practices: SDLC, Agile/Scrum, REST API design, TDD, microservices architecture, system design fundamentals

KEY PROJECTS

Code-Ledger — Browser Extension — JavaScript · MV3 · GitHub Trees API · Multi-provider AI

2025–2026

- Reduced DSA commit time to under 3 seconds as measured by end-to-end timing on Chrome/Firefox/Edge (v1.3.0), by engineering atomic single-SHA commits via GitHub Trees API — eliminating partial commit failures with 3-handler abstraction (DSA platform/AI/git) making any provider swappable without core changes.
- Achieved >95% AI review commit rate as measured across all accepted solutions, by building automatic provider fallback across 6 AI providers (Gemini, OpenAI, Claude, DeepSeek, Ollama, OpenRouter) — zero external servers, all data in user's own GitHub.

Sign Language Detector — REST API Backend — Python · Flask · MediaPipe · scikit-learn

2025

- Delivered 98% classification accuracy with <100ms API inference latency as measured on 13,000-sample dataset (26 classes), by designing full pipeline — MediaPipe landmark extraction → feature engineering → RandomForest classifier → Flask REST API — optimised for latency over offline accuracy.

EquiLens — Distributed Inference Pipeline — Python · Docker · Ollama · Dynamic concurrency

2025

- Ran 15,552 LLM inference tests with zero failures as measured by automated audit logging, by building a dynamic concurrency controller with checkpoint-based fault recovery — Docker-containerised, 72+ pulls by external researchers, published on Zenodo.

CFlair-Counter — Serverless Edge API — Cloudflare Workers · REST API · Distributed state

2024

- Delivered globally distributed request handling with sub-10ms edge response times as measured on Cloudflare's network, by implementing distributed state management, cache-control headers, DNS routing, and SVG badge generation — zero cold-start servers.

cSpell Sync — VS Code Extension — TypeScript · VS Code API · Node.js · GitHub Actions

2024

- Reached 2,100+ installs as measured by VS Code Marketplace stats, by shipping bidirectional cSpell sync with conflict resolution logic and fully automated CI/CD publishing — zero manual deploy steps.

HiveXplore — Backend API + Blockchain Integration — Python · Flask · SQLite · Hive Blockchain · REST APIs

2025

- Won 1st Runner-up at IIT Delhi CodeHive Hackathon (₹1,00,000 prize) as measured by national placement, by delivering Flask+SQLite caching layer for low-latency blockchain responses abstracting Keychain/HiveSigner/HiveAuth — built in 36 hours.

HACKATHON WINS & ACHIEVEMENTS

- 🏆 1st Place — IIT Hyderabad Hackathon (Pathway.com real-time data analytics platform)
- 🏆 1st Runner-up — IIT Delhi CodeHive Hackathon — ₹1,00,000 prize (HiveXplore Blockchain DApp)
- 🏆 1st Runner-up — ITM Gwalior Code Kurukshetra (MomCare pregnancy tracking app)
- 🏆 2nd Runner-up — Tredence InfinityAI Hackathon — ₹2,00,000 prize (Emotion detection on Azure Databricks)
- 🏆 1st Place — Microsoft Imagine Cup, University Level

CERTIFICATIONS

- AWS Certified Cloud Practitioner | Oracle Cloud Infrastructure Architect Associate | OCI Foundation Associate
- HackerRank Python Certification | NPTEL Cloud Computing — IIT Kharagpur

ADDITIONAL INFORMATION

Location: Bengaluru (primary); open to relocation across India or Anywhere else as well | **Availability:** July 2026 (post-graduation) | **Open Source:** 25+ public repositories with active community usage