Krishna GSVV

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HACKERRANK | LEETCODE | LINKEDIN | PORTFOLIO | GITHUB

EDUCATION

AMRITA VISHWA VIDYAPEETHAM   September, 2022 - present
COMPUTER SCIENCE ENGINEERING BTECH
CGPA: 8.6

SKILLS

PROGRAMMING LANGUAGES	Python, SQL, C, JavaScript
LIBRARIES/FRAMEWORKS	React, Django, Flask, FastAPI, Streamlit, nodejs
TOOLS / PLATFORMS	Git, VS Code, GitHub, OCI
DATABASES	SQLite3, PostgreSQL, MySQL

PROJECTS / OPEN-SOURCE

COUNTERAPI | LINK   PostgreSQL, Render Hosting, Rest API, GitHub Pages

- Developed **FastAPI analytics microservice** with **PostgreSQL** for zero-code visitor tracking, featuring real-time dashboards and few-click cloud deployment.
- **Automated CI/CD pipeline**, optimizing for high performance and reliability.

CSPELL SYNC | LINK   TypeScript, VS Code API, Node.js

- Created **VS Code extension** for **bidirectional cSpell dictionary sync**, supporting custom dictionaries, project settings, and global configurations.
- Gained **500+ installs on VS Code Marketplace**, driven by features like automatic sync, keyboard shortcuts, and status bar integration.

HIVEXPLORE | LINK   Flask, SQLite3, Hive Blockchain APIs, Authentication, RESTful APIs Caching

- Developed user-friendly web application (Flask, JavaScript) as a **gateway to decentralized social media blockchain**, featuring intuitive content creation, multi-method authentication (Hive Keychain, HiveSigner, HiveAuth), and a robust demo mode for easy onboarding to **blockchain technology**.

INDIAN SIGN LANGUAGE DETECTOR | LINK   Flask, MediaPipe, OpenCV, scikit-learn, NumPy, JS

- Built **real-time sign language translator** using Python, **OpenCV, MediaPipe** achieving **98% accuracy** with interactive web UI and custom model training for **accessibility communication**.

HONORS & AWARDS

- Secured 2nd Runner-up at Tredence InfinityAI Corporate Hackathon, Bengaluru (March, 2025), earning 2 Lakh prize for innovative AI solution.
- Claimed 1st Runner-up at IIT Delhi Tryst CodeHive Hackathon (March, 2025), earning 1 Lakh prize for HiveXplore blockchain project.
- Scored 1st rank at IIT Hyderabad Pathway Hackathon (February 2025), demonstrating technical excellence in software development.
- Received 1st rank at Microsoft Imagine Cup Campus Hackathon (early 2025), earning recognition for innovative technology solution.