Poreddy Chakradhar Reddy

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Professional Summary

- Software developer focused on building performant, secure, and scalable backend systems using Go, Python, and modern web technologies.
- Experienced in developing REST APIs, cryptographic services, and containerized microservices with strong DevSecOps practices.
- Enthusiastic about designing reliable systems, learning low-level architecture, and solving complex algorithmic problems.

Technical Skills

- **Languages:** Go, Python, JavaScript, TypeScript
- **Frameworks:** Flask, FastAPI, Fiber, React, Tailwind CSS
- **Tools:** Docker, GitHub, Postman, Podman, Docker Compose
- **Database:** SQLite, PostgreSQL, MongoDB, CouchDB
- **Security:** JWT, OAuth2, cryptography(NaCl, ChaCha20-Poly1305), secure API design

Education

- **Bachelor of Technology in Computer Science and Engineering** — Nov 2022– 2026
  Malla Reddy Engineering College, Hyderabad
- **Intermediate - MPC (82.1%)** — 2020–2022
  Narayana Junior College, Hyderabad
- **High School (CGPA: 10.0)** — Completed
  Sri Chaitanya Techno School, Hyderabad

Projects

- **Encrypt API** — Go, Fiber
  - Secure encryption microservice for text and files using ChaCha20-Poly1305.
  - RESTful design, JWT integration (In Progress), NaCl primitives.
  - Used Fiber, one of the fastest Go web frameworks, to improve API performance and efficiency
  - github.com/Drax-dr/encrypt-api
- **Blog API Service** — Python, Flask
  - Modular blog backend with JWT authentication, admin dashboard (Flask-Admin), and RESTful CRUD routes.
  - Demonstrates Flask-based authentication, ORM modeling, and media upload with SQLite backend.
  - Dockerized and container-ready; hosted image with 500+ pulls.
  - github.com/Drax-dr/blog-api, hub.docker.com/r/draxdr/blog

Soft Skills

  - Problem-solving, critical thinking, fast learner, attention to detail, communication, self-motivation, teamwork

Interests

  - Secure APIs, privacy-focused apps, cryptography, backend architecture, developer tools, self-hosting, red teaming, blockchain security