

Poreddy Chakradhar Reddy

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PROFESSIONAL SUMMARY

- Full-stack developer with experience in designing secure, scalable web applications and backend systems using Go, Python, and JavaScript.
- Skilled in API development, containerization, system design, and implementing cryptographic protocols for secure data handling.
- Passionate about privacy-first infrastructure, backend architecture, and DevSecOps practices.

TECHNICAL SKILLS

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

EDUCATION

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

PROJECTS

- **Encrypt API** — Go, Fiber
 - Developed a secure encryption microservice using Go and NaCl (ChaCha20-Poly1305).
 - Implemented RESTful routes for file and text encryption/decryption.
 - Integrated JWT-based user flow and session security (in progress).
 - Source: github.com/Drax-dr/encrypt-api
- **Basic Blog App** — Python, Flask
 - Designed a full-featured blog platform using Flask and SQLite.
 - Included Flask-Login for authentication and Semantic UI for frontend.
 - Deployed using Docker Compose with 500+ public Docker pulls.

- Source: github.com/Drax-dr/blog

- **Blog API Service** — Flask RESTful API

- Created a backend API service for managing blog posts with admin interface.
- Implemented JWT authentication and CRUD operations.
- Used Flask-Admin for managing admin panel.
- Source: github.com/Drax-dr/blog-api

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