Yasasvi Gumma

Applying for: Software Engineer | Full-Stack Developer

⊙ Hyderabad, Telangana, India - 500038

☎ (+91) 781-597-8289 | ✉ contact@yasasvi.site

⌨ MementoMori11723 | in linkedin.com/in/yasasvi-gumma | ⌂ yasasvi.site

Summary

Spearheaded the development of 32+ scalable web and mobile applications using self-taught full-stack skills, delivering solutions with a focus on accessibility, automation, and optimized cloud systems for diverse clients.

Education

MLR Institute of Technology	Hyderabad, India
B.Tech in Data Science	**2021 - Expected 2025**
Bhashyam College	Hyderabad, India
Intermediate	**2018 – 2021**
Bhashyam High School	Hyderabad, India
High School (SSC)	**2016 – 2018**

Professional Experience

Independent Developer & Freelancer — 2019 – Present

- Developed 32+ scalable web applications with Go, JavaScript, and PostgreSQL, integrating PWA for mobile flexibility and engagement. Tuned CI/CD pipelines and reinforced VPS security best practices to ensure scalability and resilience.

Project Contributor — 2019 – 2022

- Collaborated on multiple academic projects, leveraging React and Python to build functional prototypes and calibrated data processing.

Showcase Projects

Projects

- **Blood Transmutation**
  AI-powered blood composition analysis system, processing **100 cases daily** with **500ms latency**, delivering fast and precise diagnostic insights.

- **Echo Flow**
  AI-driven assistant for disabled users, handling **500+ interactions daily** with **50MB RAM per query** and **800ms response time**.

- **Tweet Analysis Tool**
  Engineered a real-time sentiment analysis system processing **1,000 tweets daily**, achieving **95% accuracy** with under **300ms response time.**

- **Medical Assistant**
  Developed a high-efficiency symptom diagnostic engine processing **200 assessments daily**, optimizing resource usage to **75MB RAM per session.**

- **Bank App**
  Designed a lightweight web and CLI banking platform supporting **50 daily transactions** via SQLite, **achieving 5MB RAM** efficiency per operation.

Deployment

- Orchestrated a cost-effective Linode VPS setup for fast and reliable performance.
- Optimized resource usage, maintaining less than 8% CPU, 300MB RAM, and less than 2GB storage.

Technical Highlights

Web & App Development: Secure, scalable web apps & cross-platform mobile apps.

Cloud & Deployment: GCP, Render, Linode, Docker, Kubernetes.

Automation & CI/CD: GitHub Actions, Ansible, Terraform.

AI & Security: AI integration, VPS management, SSH hardening.

Skills & Expertise

Professional Skills

- **Strategic reasoning & Versatility** - Led **32+ projects**, tackling deployment and scalability challenges.
- **Leadership & Initiative** - Built and Dexterized **secure, high-performance applications** independently.
- **Collaboration & Teamwork** - Worked on **cross-functional projects** across healthcare, finance, and AI.
- **Efficiency & Optimization** - Deployed multiple servers on a **low-cost VPS**, resource management.
- **Growth Mindset** - Committed to **continuous refinement**, tackling challenges, and thriving in collaborative spaces.

Core Skills

- **Languages:** Go, Python, JavaScript, TypeScript, HTML/CSS.
- **Databases:** SQLite, MongoDB, PostgreSQL.
- **Tools & Frameworks:** Nginx, Flutter, Raylib, React, Bun, Svelte.

Tech Stack

Primary tech stack:

- **D - Docker** - Containerization for scalable and efficient deployments.
- **R - Redis** - In-memory data store for fast caching and real-time processing.
- **A - Alpine.js** - Lightweight JavaScript framework for reactive UI.
- **G - Go** - High-performance, concurrent language with OOP principles through composition.

Summary : The DRAG stack fuses avant-garde Docker, hyper-reactive Redis, lightweight Alpine.js, and high-octane Go to power agile digital ecosystems.

Optional tools : Tailwind CSS, HTMX, SQLite, MongoDB, PostgreSQL, Ansible, GitHub Actions

Additional Info

Languages:

- **Telugu:** (Fluent), **English:** (Proficient), **Hindi:** (Proficient)

Certifications:

- **Computer Hardware Basics (2025):** Learned system architecture, troubleshooting, and optimization.
- **Web Development Internship at Coincent (2024):** Built full-stack web apps, elevating development and deployment skills.
- **Data Science with Python (2022):** Focused on data analysis, machine learning, and AI.

GitHub:

- Showcasing 32+ projects, **demonstrating expertise** in solving **complex problems** across web development, AI, and cloud deployment.