

# Yasasvi Gumma

## Applying for: Junior Developer

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## About Me

I am a self-taught developer with 4 years of experience in building websites, applications, and cloud-based systems. I focus on creating fast, reliable, and user-friendly solutions. With over 35 projects completed, I specialize in utilizing cloud services, automation tools, and efficient programming to deliver high-quality results.

## Education & Skills

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### Education

- **B.Tech in Data Science** – MLR Institute of Technology (2020–Present)
- **Intermediate Education** – Bhashyam College (2018–2020)
- **High School (SSC)** – Bhashyam High School (2016–2018)

### Key Skills

- **Programming Languages:** Go, Python, JavaScript, TypeScript, HTML/CSS.
- **Cloud & Deployment:** GCP, Render, Linode, Docker, Kubernetes.
- **Infrastructure & Tools:** Ansible, Terraform, Git, SQLite, MongoDB, PostgreSQL, Nginx, Flutter, WebAssembly, React.

## Experience

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### Independent Developer (2021 – Present)

- Developed and maintained 35+ personal projects, focusing on performance optimization and enhancing user experience.
- Set up and managed cloud infrastructure to ensure secure, scalable, and high-traffic applications.
- Utilized automation tools like GitHub Actions and Ansible for efficient deployment and updates.
- Deployed `c-http.site` on a Linode VPS, implementing advanced security practices like SSH hardening and load balancing for enhanced scalability and security.
- Actively contributing to open-source communities, collaborating on projects to improve and innovate various technologies.

## Key Projects

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### 1. Echo Flow – Voice Chatbot

AI-powered, real-time voice chatbot providing 24/7 user interaction without login. It responds instantly to various queries using natural language processing. **Tech Stack:** Go, Open AI API, TTS API, JS, HTML, CSS.

[Visit Echo Flow](#)

### 2. Tweet Analysis – Real-Time Sentiment Tool

Real-time sentiment analysis of tweets to track social media trends and insights. Uses sentiment analysis to gauge public opinion. **Tech Stack:** Go, Chromedp, TailwindCSS, HTML, JS.

[View on GitHub](#)

### 3. c-http.site – Custom Web Server

Optimized web server for cloud environments, deployed on Linode VPS with SSH hardening, load balancing, and robust HTTP request handling. **Tech Stack:** C, Nginx, Docker, Linode VPS, HTML, JS, CSS.

[Explore c-http.site](#)

### 4. Bank App – Command Line Banking App

A simple CLI app designed to manage personal finances, simulating basic banking functions like balance checks, transfers, and transaction history. It also supports a web UI for added convenience.

**Tech Stack:** Go, SQLite.

[View on GitHub](#)

### 5. Blood Transmutation – AI for Blood Type Conversion

AI app powered by ChatGPT API to suggest blood type conversion methods, improving compatibility for blood transfusions. **Tech Stack:** Go, ChatGPT API, HTML, CSS, JS.

[Visit Blood Transmutation](#)

## Additional Information

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- **GitHub:** Showcasing over 35 projects demonstrating my skills and problem-solving abilities.
- **Certifications:**
  - Data Science with Python (2022)
  - Web Development Internship at Coincent (2024)
- **Languages:** Fluent in English, Hindi, and Telugu.