

# Vishnu Vardhan Gudipati

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## EXPERIENCE

### Application Engineering Intern

Egen (Formerly SpringML)

April. 2025 – Present

Hyderabad, Telangana

- Gained hands-on experience with **GCP Services** while contributing to the development of scalable and reliable applications.
- Developed user interfaces and enhanced user experience for internal tools using **Angular** framework.
- Learned to build efficient and robust backend APIs using the **FastAPI** framework in **Python** for data serving and processing.
- Explored the capabilities of **Vertex AI** for building and deploying machine learning models within the **GCP** ecosystem.

## TECHNICAL SKILLS

**Languages:** Python, C++, SQL, JavaScript

**Frameworks:** Flask, Django, Streamlit, PyMongo, SQLAlchemy, React.js, Redux, Mongoose, Express.js

**Web Development:** HTML, CSS, Bootstrap, Tailwind CSS, REST APIs, Node.js

**Databases:** PostgreSQL, MongoDB, MySQL, MSSQL, BigQuery, Firestore

**Tools:** Git, Docker, VS Code, Postman, Appwrite, Firebase

## PROJECTS

### AI-Powered Healthcare Assistance Platform (Medbot) | React.js, Flask, Twilio, Gemini

Mar. 2025 – Present

- Developed **MedBot**, an AI-powered healthcare platform leveraging **React.js**, **Flask (Python)**, and an integrated **AI Chatbot** to connect patients and healthcare providers.
- Implemented key patient features such as secure medical report uploads and an interactive **AI Chatbot** to address health-related inquiries.
- Designed and built the API endpoints using **Flask** to enable seamless communication between the frontend and backend components of the **MedBot** platform.

### Personal Financial Manager (FinIntel) | Python, Flask, Javascript

Jan. 2025 – Feb. 2025

- Designed entire software architecture and integrated Gemini 2 flash Model.
- Visualized and produced insights for around 200 stock market indices and companies in the frontend
- Configured automation pipeline from Build to deployment

### Modern Blogging Platform (Qblog) | React, Redux Toolkit, AppWrite

Dec. 2024 – Jan. 2025

- Developed a full-stack blogging platform for writing, saving, and managing articles.
- Implemented rich text editing using **TinyMCE** and state management with **Redux Toolkit**.
- Integrated **PineconeDB** for vector-based search and personalized recommendations.
- Handled user authentication and data storage using **AppWrite**.

### Movie Recommendation System (CineFinder) | Python, SQL

Nov. 2023 – Dec. 2023

- Implemented a **content-based filtering algorithm** to recommend movies based on user behavior.
- Handled a database of over **10,000 entries** using optimized SQL queries.
- Increased recommendation accuracy through iterative model improvements.

## EDUCATION

### Sreenidhi Institute of Science and Technology

B.Tech in Computer Science (AI & ML), **CGPA: 8.75**

Hyderabad, Telangana

Dec. 2021 – Present

## ACHIEVEMENTS

Developed **20+ projects** across AI, IoT, web development, and data visualization domains.

Solved over 600 problems in Leetcode and other coding platforms.

Won **5 hackathons** for web app design and AI-based automation projects.