

# Avinaash Venkat B

Chennai, India

+91-9444073424 | [bass.avinaashvenkat@gmail.com](mailto:bass.avinaashvenkat@gmail.com) | <https://www.linkedin.com/in/avinaash-venkat-b-852671222/> | [GitHub](#) | [Portfolio Website](#)

## Profile Summary

- I am a Python Developer with a strong focus on **front-end technologies** and expertise in **Web Design**, creating scalable applications.
- Skilled in optimizing web applications for **performance** and **responsiveness**, with a focus on user-centric designs.
- Proven ability to collaborate effectively in team environments, manage time efficiently, and troubleshoot technical challenges.
- Expertise in **Python, AI, Prototyping** and using **Agile methodologies** to deliver high-quality projects on time.

## Technical Skills

- |             |          |              |              |
|-------------|----------|--------------|--------------|
| • Python    | • HTML   | • CSS        | • GitHub     |
| • Bootstrap | • Figma  | • Stream lit | • SQL        |
| • Balsamiq  | • VScode | • Algorithm  | • Wix Studio |

## Experience

### TriHusLab - Web Developer

Oct 2023 – Jan 2024

- Led **front-end development** using HTML, CSS, and JavaScript, improving websites usability.
- Collaborated with a team of 3+ Designers, showcasing strong communication skills to implement features that engaged users.
- Built an NLTK and NLP based module for finding the customers reaction from text using (*NLTK, NLP, Python*)-Minor Project
- Optimized performance of the website , reducing constrains in usability load by 20%, demonstrating problem-solving and technical troubleshooting abilities.
- Made successful contract assignments by marketing directly with the clients and enhances the company popularity in the technology trade event.

## Projects

**CeaserAI – Chatbot** | *Python Flask , Gemini API, gTTS , HTML/CSS, Prototyping, Visual Designs*

June 2025

(Personalized Roman empire themed AI Chatbot) | [View Website](#) | [GitHub Repository](#)

- Developed an interactive AI chatbot web application using Python Flask and Google's Gemini API.
- Integrated text-to-speech functionality using gTTS to provide real-time voice responses.
- Designed dynamic chat interface using HTML, CSS, and render templates (Jinja) with persistent chat history display.

**Armour Evault – Vault System** | *HTML5, CSS3, JavaScript, React.js, Hardhat , MetaMask ,Pinata server*

May 2024

(For enhancing the Security in File Transferring System ) | [View Website](#) | [GitHub Repository](#) | [Project Presentation](#)

- Built an user interactive platform with React.js , integrating Blockchain Concepts for transferring content.
- Implemented Hardhat for generating unique transaction keys for safer communication between the judicial custodians.
- Utilized **Metamask** for simplifying the transactions with MetaMask transaction ID and also used pinata server.
- Optimized performance using the pinata server rather than using the own storage for uploading and downloading the files.

## Education

**Sri Sairam Engineering College**

Recent Graduate: May 2025

*Bachelor of Technology – Information technology CGPA:7.99*

Chennai

## Extracurricular / Certifications

- University Rank 38 Among 2072 registered students on GeeksForGeeks and 1478 contest ranking at Leetcode
- Won 2X Hackathons and secured a seat as finalist in SIH 2023
- 8X Inter-College event and Inter-Department Winning (Coding Events, web designing events)

## Certifications

- Introduction to Generative AI --Google- [View Credentials](#)
- Responsive Web Design – FreeCodeCamp - [View Credentials](#)
- Cyber Security Essentials – Cisco - [View Credentials](#)
- Partner: PCAP - Programming Essentials in Python– Cisco - [View Credentials](#)