Hemanth Krishna T

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github: github.com/hemanthkt

fiverr Level 1 Freelancer

EDUCATION

Bachelor of Technology in Electronics and Communications

- Institution: Vidya Academy Of Science & Technology
- CGPA: 7.01

SKILL SUMMARY

- Languages: JavaScript, Python
- Web Technologies: HTML, CSS, JavaScript, Node.js, React
- AI FrameWorks: PyTorch, LangChain, Langraph, smolagents
- Databases: PostGreSQL, AWS, Azure, MongoDB
- Platforms: Visual Studio Code
- API framework: Axios,express,cors
- Version Control - GitHub

PROJECTS

Impactoverse - AI Study Mentor & PDF Chat Application (On going project)
Tech stack: React, Vite, Tailwind CSS, FastAPI, Node.js, DeepSeek, Coqui TTS, Google TTS, Clerk, WhisperJAX, Unity.

- Developed a full-stack AI-powered study mentor platform, enabling interactive learning through PDF, textbook, and document-based AI conversations.
- Implemented a Python microservice using FastAPI to run open-source AI models, ensuring efficient and scalable backend processing.
- Designed and built a responsive and multilingual user interface with React, Vite, and Tailwind CSS for an intuitive learning experience.
- Integrated DeepSeek LLM for AI-driven PDF analysis, Coqui TTS for free users, and Google TTS for premium users, enabling seamless voice/text interactions.
- Architected a monetization system where users purchase credits for premium AI models, balancing free and paid feature access.
- Established a robust authentication system with Clerk, ensuring secure user login, sign-up, and profile management.

StudyBuddy : *AI summarization & Question Generator*
Tech stack: React, Vite, Tailwind CSS,google Gemini, shadcn

- Developed a user-friendly application designed to enhance learning efficiency for students.
- Integrated **Google Gemini API** to process user-uploaded topics and generate concise summaries of study materials.
- Implemented an automatic multiple-choice question generator to reinforce understanding, producing 4-5 targeted questions per topic.
- Focused on usability and accessibility to provide students with an effective, interactive learning experience.

CERTIFICATIONS

- HuggingFace - AI Agent Course
- PyTorch fro deepLearning and Machine learning - freecodecamp.rog: *Daniel Bourke*
- Multi AI Agent Systems with crewAI - DeepLearning.ai
- Arduino Course - FreeCodeCamp.org
- The Complete 2024 Web Development Bootcamp - Udemy - By *Angela YU*
- AI Python for Beginners: Basics of AI Python Coding - DeepLearning.ai
- IBM's Introduction to Cloud Computing - Courseera

FREELANCE WEB DEVELOPER AND CONTENT CREATOR *fiverr* Link

- Achieved **Level 1 Seller** status on Fiverr, collaborating with clients from the **USA**, **Israel**, and **UAE** on diverse projects.
- Designed and developed a non-profit website from scratch using WordPress: acd-global.org.
- Redesigned an eCommerce platform using BigCommerce Stencil framework: bislabels.com.
- Utilized AI tools to create studio-quality course content for client projects: examxpertz.com.
- Demonstrated expertise in web design, development, and content creation, delivering tailored solutions to meet client goals.

HOBBIES & INTERST

- **Networking and Events**: Actively participate in tech meetups and conferences, including *GDG Bangalore*, to stay updated on the latest innovations and connect with like-minded professionals.
- **Robotics and Arduino Projects**: Passionate about building innovative solutions and exploring automation technologies.
- **AI Development**: Enthusiastically exploring AI tools and their applications in education, web development, and video editing.
- **Space Exploration**: Interested in further studies and research in space robotics and related technologies.
- **Content Creation**: Enjoy creating engaging and cinematic video content for storytelling and marketing.

MINI PROJECT/ SIDE PROJECT

- **Weather App** - A project which I used to learn API integration
- **LinkdIn Content Generator**: Converts normal content by user to proffesional Linkdin Content with a click!
- **To-Do List**