Venkata Sai Manideep Cherukuri

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EXPERIENCE

Tina.io   **Remote , India**
- *FrontEnd Engineering Contributor*   *Aug 2024 – present*
- Fixes a small bugs and UI changes in this massive MERN stack code base
- Tackled front-end bugs and optimized components to improve performance and responsiveness across different devices .

ReactJs and Etherurm .org   **Remote, India**
Open Source Contributor   *Aug 2024– present*
- Identified and fixed bugs, improved documentation, and contributed small features
- Developed the graphical user interface on PyGame to allow the users to visualize the results
- Regularly reviewed codebases, deepened knowledge of modular design patterns, and improved debugging skills.
- Gained experience with tools such as Git, GitHub, and CI/CD pipelines for version control and continuous integration in large projects.

PROJECTS

Web3 Crypto.ai   **Hyderabad ,India**
Founder / contributor   *Sept 2024 – present*
- Developed a website that allows users to trade with dummy cash . So , that I beginner can understand the trading in crypto with help of AI
- I know real trading works in this way , but It's just for their fun to explore more about web3 and AI
- Integrated docker containerization and compose yml file . So , easy to contribute for other developers in the open-source community
- I'm currently working in Integrating there trading in a AI and help in the future trades

Google Gemini - 4o   **Hyderabad , India**
Founder / Coder   *June 2024 – June 2024*
- Gemini and GPT 4o vision clone , This is built for hackathon build in 2 days using gemini API. It has a feature that describes what it sees on the camera of the device , It's like OpenAI 4o vision . But I build it even before it released
- *I redesigned after the hackathon , but I didn't won .But I learn how to integrate the AI in your website and integrating RAG based model in website*

Fine Tuned Llama 8b with custom data   **Hyderabad , India**
Coder   *Sept 2024*
- A Complete Fine Tuned LLama 8b 3.1 with my personal data
- I used an 8-bit quantized version of Llama, significantly reducing model size while maintaining performance
- It uses the Alpaca Format for instruction following, improving its ability to understand and execute specific tasks

ACTIVITIES AND LEADERSHIP

Instructor for 15 year olds   **Remote, Georgia**
Teaching Assistant for 15 olds to complete their Startup project (Objects and Design)   *Sept 2024 – Sept2024*

Product Reviewer   **Remote, US**
I tested a gamefolio.com website and changed the suggestion for them to improved their UI and backend security issues on uploading mp4 formats

SKILLS

Programming: Python, JavaScript, TypeScript , HTML/CSS, SQL, Node.js, React.js, Docker, K8s ,MATLAB ,Pytorch, Prisma , NextJs
Tools: PyCharm, Eclipse, AWS, Jupyter Notebooks, Git, Bootstrap, Vercel , GCP .