Saicharan Kandukuri

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Education

Parul university at Gujarat, Apr 2024. Emphasis on Artificial Intelligence.
B-TECH in Computer Science Engineering

Experience

AI/ML Internship - Glue Labs Private Limited. Remote, 05/23 - 09/23,

Created a tool to make slides on YouTube videos by testing with different open Large Language models and Open AI chat GPT api, Including feature to create diagrams on the given topic/keyword with GPT. Implemented multiple strategies to create content for slides (python, BASH, gradio, huggingface, OpenAI)

Open Source Internship - Glue Labs Private Limited. Remote, 02/23 - 05/23

Developed a web-based note-taking application with a built-in Markdown editor and leveraged client-side Git WebAssembly (git WASM) to seamlessly interact with GitHub as a backend storage solution. Eliminated the need for GitHub APIs by enabling direct client-to-GitHub interactions. Additionally, designed and implemented a proxy server to resolve Cross-Origin Resource Sharing (CORS) challenges when interfacing with GitHub.
(Svelte, JavaScript, Docker, Go, WebAssembly)

Projects

Project video-to-ppt [Torch, HuggingFace, OpenAI, Python, Langchain]

- Developed a project that creates slides based on Video content with Large Language Models.
- Research on multiple opensoure and proprietary Large Language Models.
- Used langchain, Python, FFPMEG, Youtube API's
- Built utility classes for multiple large language models

ubuntu-on-android [Bash/Shell scripting]

- created and developed a project to build and publish per-installed Linux tarballs to android
- Solved problem to build, automate, publish and installing by using different strategies and languages
- created and maintaining open source organization with multiple projects
- achieved ~900 + starts in GitHub

PU 3D MAP [Svelte, ThreeJS, Node]

- Implemented a project to place 3D models on top of Google Maps
- Used Google Maps API to display vector MAP
- Used Three JS to load, display, position 3D models on Google Maps

Skills

Languages: Python, Bash, Javascript, TypeScript, Rust, C, C++, lua | JSON, MarkDown, yml, HTML, CSS

Frameworks/lib: Svelte, NextJS, React, Astro, node, Bun, ThreeJs, google Maps | Torch, HuggingFace Transformers
Tools: VSCode, Neovim , docker, pnpm & Yarn & Bun, GitHub, GitLab, zsh, vercel, Figma, Google
Hobbies: Music, Quick Grasp, FOSS contributions, Distro Hopping

Leadership

Linux Lead - Google Developer Students Club Parul University 2022 - 2023
- Joined Google Developer Students Club as Linux Lead
- Helped community to Linux
- created and managed GDSC PU GitHub organization

Git & GitHub Tutor
- Conducted events to introduce Git & GitHub to students & professors