Tribhuwan Joshi

 +91 7531006014 New Delhi,India tribhuwanjoshi8@gmail.com linkedin.com/tribhuwan-joshi

 github.com/Tribhuwan-Joshi

Experience

Deepware   Nov 2023 – April 2024
Software Developer Intern   *Munich, Germany – Remote*
- Implemented micro-services architecture using Node.js and Express, improving API response time by 25% and reducing server load by 30%.
- Migrate web-hosting service from netcup to Google Cloud Platform
- Maintain front-end of company and optimize DB queries

Technical Skills

Languages: C/C++, Python, Typescript/JavaScript.

Technologies & Tools: React.js, NextJs, Express.js, Tailwind, Node.js, Git(VCS), Bash, Jest, SQL, MongoDB, Prisma, Numpy, Postman, Cloud hosting and monitoring.

Concepts: Networking, Algorithm design, Cryptography techniques, API development and security, TDD, Database Management, SDLC, System design.

Projects

Blackrobe | *React(NextJS), Google Cloud Platform, Serverless API*
- Code - https://github.com/Tribhuwan-Joshi/blackrobe-ai , Live - https://generate.blackrobe.ai/
- A personalized legal contract generator
- Designed and implemented a clear and intuitive dashboard where user can download and view their past contracts as PDF.
- Utilized OpenAI custom assistant to read and construct contract by parsing user's input.
- Secure routes by maintaining sessions over front-end using Next-Auth library.

Game of Life | *React, Matrix Manipulation*
- Code- https://github.com/Tribhuwan-Joshi/game-of-life, Live -https://tribhuwan-joshi.github.io/game-of-life/
- Simulation of Conway's game of life - Turing complete and undecidable.
- Feature to add live cells by users and count generations passed

The Disk | *OpenAI API, Python, Google-Speech-Recognition, Whisper API*
- Code - https://github.com/Tribhuwan-Joshi/the-disk
- Implemented speech-to-text functionality utilizing the OpenAI API to provide audio responses, enhancing user interaction.
- Developed a wake word detection system, listening for the trigger phrase "hey disk" and responding accordingly, improving user engagement.
- Utilized the 'sounddevice' module to manipulate frame data and implement a silence threshold for efficient audio processing.

Education

Indra Gandhi National Open University   2022 - 2025
Bachelor of Computer Application (GPA: 8/10)   *New Delhi, India*

Kendriya Vidyalaya   2008 - 2020
Science Stream (91%)   *New Delhi, India*

Achievement / Certifications

Azure AI-900 Certified   Feb 2022
                                                                                   Microsoft