Vijesh Shetty

Bangalore IN | +91 (779) 563 9998 | vijeshsshetty@gmail.com

https://github.com/VijeshVS | https://www.linkedin.com/in/vijeshsshetty/ | https://vijesh.tech

EDUCATION

RV College of Engineering	Bangalore
*B.E in Information Science and Engineering	GPA: 9.41 as of 3rd Sem*	*2023-2027*
Expert PU College	Mangalore
Pre-University PCMC Percentage: 98.3%	*2021-2022*

PROJECTS

Auto-Pilot   Feb 2025

Python, Langchain, Langgraph   *https://github.com/VijeshVS/auto-pilot*

- Developed an **AI terminal assistant** to generate **Linux commands** based on user input.
- Implemented a **React agent** to understand user queries, reason, and perform **tool calling** for executing commands using the **subprocess** module.
- Utilized **LangChain.js** to design the workflow and integrated **LLaMA-8B** via the **Groq platform** for natural language understanding and command generation.

Vitalis   Nov 2024

NextJS, Web3JS, IPFS, Tailwind CSS, Solidity   *https://github.com/VijeshVS/Vitalis*

- This Web3 project was a part of a **36-hr hackathon** at NMIT-Bangalore
- Vitalis is a **decentralised** healthcare platform allowing full transparency between doctors and patients
- Automated the process of **authentication, booking appointments, issuing medical records** through **smart contracts**
- Secured medical documents with **asymmetric encryption** for seamless sharing between doctors and patients.

EatMyUrl   Mar. 2024 – Jun. 2024

NextJS, Express, Kafka, Postgres, Redis   *https://eurl.dev*

- EatMyURL is a **link shortener** that lets users create **custom shortlinks and QR codes**
- It offers **in-depth insights** into link engagement, providing **detailed metrics** on devices, operating systems, browsers, and geographic regions where the links are accessed.
- Used **Kafka** for high-throughput real-time ingestion of analytics into the database.
- Implemented **Redis** to cache recently accessed links, enhancing performance and reducing database load.

CODING PROFILES

LeetCode: Solved **400+** DSA Problems | **Max Rating**: 1604

ACHIEVEMENTS

Winner - GenAI Hackathon (ACM RVCE and Accelerate RVCE)

Developed an **AI-assisted diagnosis platform** to efficiently diagnose a large number of patients, particularly in regions with a shortage of doctors. The AI conducts an initial assessment by asking patients about their symptoms, severity etc. Once confident, it generates a detailed report, which is then reviewed by doctors for final validation.

Tech Stack: Next.js, LLaMA 3B (Groq)

TECHNICAL SKILLS

Backend: NodeJS, Express, Websockets, Flask (Python)

Frontend: NextJS, React, Tailwind

Databases: MongoDB, Postgres, MySQL, Firebase, Redis

Languages: C++, Typescript, Java

Miscellaneous: Docker, Git

Tools: Langchain, RabbitMQ, Prisma ORM