Vishal R

Bengaluru, India

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Experience

Business Intelligence & Analytics Engineer

Condé Nast Technology Lab | Bengaluru, India | Aug 2023 – Present

- Built an **AI-powered** natural language query interface for Qlik Sense & Databricks datasets using **LangChain** and **OpenAI APIs**, implementing **query chaining** and retrieval-augmented generation **(RAG)** to deliver accurate visual insights.
- Designed a metadata-driven query generation pipeline for **LLM fine-tuning**, improving query accuracy and contextual response generation for analytics queries.
- Built and maintained **TypeScript-based React components** for an enterprise analytics platform, enabling traffic segmentation, trend analysis, and KPI visualization while improving data reliability and dashboard performance.
- Developed performance tracking dashboards in Qlik Sense using hypercubes and custom expressions, resolving **data reliability** issue and improving KPI tracking accuracy across teams.
- Collaborated on a **Chrome Extension** using ReactJS and Chrome APIs to auto-detect brand sites and deliver real-time analytics to editorial users.
- Integrated **Slack APIs** and **Qlik SaaS automations** using OpenAI connectors, streamlining automated reporting, alerts, and team collaboration workflows.

Software Development Engineer Intern

Vite Fintech Pvt Ltd | Bengaluru, India | Jan 2022 - May 2023

- Developed Vite Fintech's Android application and B2C website
- Integrated REST APIs and SDKs for banking services such as recharge, bill payment, and Aadhar pay into the Android application
- Integrated fingerprint scanning device and Micro ATM device SDKs into the Android application

Projects

PetNation with petcoin   Github Repo

- Developed and implemented an innovative application enabling users to upload photos of stray animals for adoption and donation.
- Created a payment system using Razer Pay, where users purchase petcoins instead of cash, which can be used exclusively for animal-related purchases at authorized pet shops and pet care providers under the Petnation platform.
- Recognized for the application's excellence by receiving the Best Idea **Award at DevJams'21**, by the VIT's Google Developers club.

Skills

Technical: JavaScript, ReactJS, C++, LangChain, RAG, OpenAI API

Education

Vellore Institute of Technology Vellore, India   2019 – 2023

    Bachelor's degree in Computer Science and Engineering   CGPA: 8.28

Maharishi Vidhya Mandir(CBSE) Chennai, India

    Higher secondary   Marks : 81.6%

Achievements / Certifications / Leadership

Advanced React, META   2024
Principles of UX/UI Design, META   2024
AWS Cloud Practitioner, AWS   2024