Vishal R

Bengaluru, India

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Experience

Business Intelligence & Analytics Engineer

Condé Nast Technology Lab | Bengaluru, India   Aug 2023 – Present | 2.5 Years

- Built production-grade **React + TypeScript** frontend applications, implementing **responsive UI components** to support enterprise analytics across multiple brands.
- Designed and implemented **AI-powered natural language query systems** using LangChain, OpenAI APIs, and RAG pipelines to convert user queries into structured analytics requests.
- Developed **scalable frontend architectures** for dashboards, filters, and KPI views, improving data reliability and reducing rendering and query latency.
- Engineered **metadata-driven query** generation pipelines, improving accuracy and consistency of analytics queries across Qlik Sense and Databricks datasets.
- Integrated **Slack APIs, SaaS automations, and LLM-based workflows**, enabling automated alerts, reporting, and cross-team collaboration.
- Built and maintained a **Chrome Extension (React + Chrome APIs)** delivering real-time analytics context directly on live content pages.
- Collaborated closely with backend, data, and product teams to debug production issues, improve observability, and ship features end-to-end.

Software Development Engineer Intern

Vite Fintech Pvt Ltd | Bengaluru, India   Jan 2022 - May 2023 | 1.5 Years

- Developed and maintained **Android and web applications** integrating secure banking and payment workflows.
- Integrated **REST APIs and third-party SDKs** for bill payments, Aadhaar Pay, Micro ATM, and biometric authentication.
- Worked with **device SDKs and hardware integrations**, handling edge cases, error states, and transactional reliability.

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, TypeScript, C++, React, Vite, Tailwind CSS, LangChain, OpenAI API

Education

Vellore Institute of Technology Vellore, India   2019 – 2023

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

Achievements / Certifications / Leadership

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