UTKARSH SHARMA

Web Developer

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• Noida , Uttar Pradesh

Summary

Full-Stack Web Developer with a passion for innovation and expertise in **Generative AI** and **LLMs**. Proven ability to build and deploy full-stack web applications with a focus on **real-time functionality**. Possesses strong programming skills in **JavaScript, Python, Java,** and experience with **hosting, payments, RAG (Red, Amber, Green) status reporting**, and **API integrations**. Currently pursuing a degree in Information Technology.

Education

JSS Academy of Technical Education

B.Tech   11/2022 - Present

Skills

Node.js • Express • ReactJS • MngoDB • JavaScript • LLM • Langchain • RESTful • APIs • Stripe • SQL • Flask • Generative AI • Vector Databases • RAG • Auth2.0 • Git • EJS • Python • Java • CSS • HTML • Bootstrap • LLM frameworks • Fine Tuning • Hugging Face

Projects

AgriTech

Developed a full-stack web application integrating Generative AI models like Gemini and Hugging Face. This interactive platform empowers farmers by:

- **Training custom AI models on user datasets** to enhance accuracy for disease detection.
- **Providing secure user functionalities** including login, signup, and conversation with AI for personalized insights and tips.
- **Facilitating a nationwide farmer community** through an integrated community forum which aims to spread awareness among farmers.

- Tech Stack: MongoDB, React.js, Express, Node.js, Google Gemini, Huggning Face, Vector Database, Langchain, Flask, JWT, Multer, Redux
- Github Link: https://github.com/utkarshdev2411/AgriTech.git

Fundraising Website

This full-stack project offers essential features such as Login, Signup, Form creation, and post sharing, seamlessly integrated with a secure Payment Gateway and Web Services. Utilizing hashing for user security, the project is efficiently hosted on Render.

- Tech Stack: Node.js, Expres, EJS, Stripe Payment Gateway, MongoDB.
- Github Link: https://github.com/utkarshdev2411/Vidyashakti.git
- Render Link: https://vidyashakti.onrender.com/

Social Media Backend

This backend-centric project is tailored for social media platforms, offering a spectrum of functionalities including Profile Creation, Post Sharing, Like and Dislike interactions, Commenting capabilities, and Follow/Unfollow functionalities. Additionally, users can view comment contributors and access similar features. To ensure authentication integrity throughout sessions, the project employs JSON Web Tokens (JWT) for verification purposes.

- Tech Stack: Node.js, MongoDB, Express, JWT, MongoDB.
- Github Link: https://github.com/utkarshdev2411/Backend.git

Jobs Portal Backend

This backend project is tailored for a Jobs Portal website, boasting essential functionalities such as Job Creation, Updating, and Deletion capabilities. Users can seamlessly apply for jobs or save them for future reference. Additionally, the platform facilitates the viewing of job applicants, user suspension management, and provides clear status indicators for jobs.

- Tech Stack: Node.js, MongoDB, Express, Jwt.
- Github Link: https://github.com/utkarshdev2411/Jobs-Portal.git