VIKASH KUMAR SHARMA

Saran ,Bihar

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EDUCATION

Audisananka Institute of Technology   **05 2019 – 06 2023**
Bachelor of Technology - **7** *-* **CGPA**   *Nellore, India(AP)*

EXPERIENCE

Full Satck Developer(Bckend developer) & AI Automation Engineer   **May 2024 – Present**
MeanRev Technology   *Remote*
Leading scalable backend and AI-driven system development using Node.js, TypeScript, MySQL, implementing secure RBAC, session management, and OpenAI/Gemini-powered RAG and OCR workflows.

PROJECTS

AI-Powered Medical Symptom Assistant:ChatBot: October 2025 ⧉ | Mern stack,OpenAi,Dialogflow cx

- Designed and led the complete backend architecture for an AI-powered medical chatbot, including API development (Node.js, TypeScript, Express), database design (MySQL), secure file storage (AWS S3), and AI workflows using OpenAI, Gemini, RAG, OCR, and automated PDF/XLSX report generation.
- Developed an AI-powered medical assistant chatbot that guides users through symptom selection, dynamically asks clinical questions, and generates personalized health reports. Integrated OpenAI/Gemini for symptom analysis and doctor-style suggestions, and used Google Cloud Vision API to extract information from handwritten and scanned medical files. Implemented a RAG-based answer workflow so the chatbot responds only from the uploaded documents. Designed automated pipelines for PDF/XLSX parsing, and generated final medical reports as PDFs including AI-created icons. Built secure file storage with AWS S3 and a complete admin dashboard for managing symptoms, categories, and question banks using Node.js, TypeScript, Express and MySQL
- https://chatbot.devmnrv.com

Deltabox: May 2024 ⧉ | TypeScript Node js Redis Socket Reactjs Redux CI/CD S3 AWS AI Integration

- Designed and developed a scalable Node.js + TypeScript backend to support bulk resume uploading, parsing, and automated scoring by matching candidate profiles against job descriptions (JD) using AI-driven analysis.
- Implemented role-based access control (RBAC) for Admin, Agency, Company, and Recruiter roles, ensuring secure data access and customized hiring workflows across different user types. Built an asynchronous resume processing pipeline to handle high-volume uploads efficiently, with real-time status updates and notifications using Socket.IO and Redis..
- https://face.devmnrv.com

KB Cafe-KB(Online Food Ordering Platform) Software Solutions-January-2024 ⧉ | Mern stack,Payme

- Role and Responsibiities to lead to project ,design the architecture and entire application work flow and developed all service of backend
- Developed a full-stack online food ordering platform using React.js, Node.js, Express, and MongoDB, enabling real-time cafe order placement, menu browsing, and user-friendly checkout experience.
- Designed backend logic to synchronize payment status with order lifecycle, ensuring atomic updates for order confirmation, transaction logging, and.
- Integrated Razorpay payment gateway for secure online transactions, including order status tracking, transaction logging, and error-handling for seamless customer experience. Connected KB Accounting Software for automated inventory staff account management, syncing real-time stock levels, staff salary records.
- https://www.kbcafe.online

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, Typescript SQL(RDMBS),NoSql
Technologies/Frameworks: HTML5, CSS3, Node js , Background Job Queue BullMq ,Message Brokers: RabbitMQ,React,Redux state management,FastApi,Rest Api,Payment Integration,Third Party Api Integration,Role Based Authentication and Authorization ,JWT Authentication,Redis,Socket.io,AWS EC2,S3, MongoDB, Express, Bootstrap,Artificial Intelligence,Dialogflow ES and CX, RAG Application ,Semantic Search,Embeddings,Prompt Engineering, Google Gemini,OpenAI GPT,OpenAI GPT, Langchain, Vector db, Langgraph,Agentic ai, OpenAi, Generative Ai,LMM Integration,LLM powered Applications
Developer Tools: VS Code, Postman, IntelliJ, Eraser.io, Git/GitHub,Deployment ,Vercel, Render, Hostinger