Gajendra Kumar Nagar

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Education

IIT (ISM) Dhanbad   **Dec 2020 – May 2024**
Bachelor of Technology   *Dhanbad, India*

Experience

My AI FrontDesk   **Feb 2025 - May 2025**
Software Developer - Freelance   *Remote, India*

- Spearheaded development of an interactive ReactFlow visualization platform for conversational AI systems, enabling intuitive drag-and-drop workflow configuration that reduced system setup time by 40% and improved operational efficiency.
- Architected robust Express.js microservices with AWS DynamoDB persistence layer, implementing optimized GSI indexing patterns that facilitated real-time context sharing between primary and specialized AI agents.
- Engineered a seamless multi-agent transfer protocol using LiveKit's workflow framework, enabling contextual transitions while maintaining conversation state across specialized AI nodes with 95% accuracy.
- Implemented comprehensive RESTful API ecosystem with JWT authentication that supported configuration propagation across agent hierarchies, maintaining 90% test coverage and reducing integration issues by 65%.

VIJAYA.AI   **Sep 2024 – Jan 2025**
Software Developer   *Remote, India*

- Architected responsive UI using React, MaterialUI, and Shadcn, enhancing UX for 1,000+ users through seamless LLM customization.
- Launched custom frontend component as npm module, enabling easy reuse of platform-specific UI elements.
- Integrated 10+ RestAPI features in Python Django, optimizing frontend-backend communication.
- Developed APIs for RAG projects, dataset management, embedding jobs, model tracking, and fine-tuned LLM solutions.

JOYMETTEC PVT LTD   **May 2023 – July 2023**
Frontend Developer Intern   *Remote, India*

- Built 5 React.js/Material UI applications with responsive design, implemented 10 API endpoints, and created 4 product features, improving performance by 40% and increasing conversions by 25% for 2,000+ users.

Projects

Chatify | *Website* — **React.Js, MaterialUI, Firebase**   **August 2023 – January 2024**

- Created personalized chat room with real-time messaging, image sharing, and reactions for 500+ users, improving user interaction by 30%.
- Architected notification and user status features with real-time alerts, improving user retention by 25%.

Orange-Farm | *Website* — **React.js, Node.js, D3.js, Downsampling**   **June 2023 – August 2023**

- Generated frontend dashboard with responsive "Growth" graph visualizing profit trends.
- Formulated custom downsampling algorithm to efficiently render 70,000+ row datasets, enhancing performance.

Technical Skills

Languages: C++, CoreJava, Python, MYSQL, JavaScript, TypeScript, HTML, CSS
Frameworks & Tools: React.Js, Node.js, ExpressJS, Django, Bootstrap, MaterialUI, Postman
CS Fundamentals: DSA, OS, DBMS, OOPS, SOLID, Design Patterns, Low Level Design

Achievements & Competitive Programming

- Received international offer for Jr. Software Engineer role at Avero Inc NY, USA (May 2024)
- **Codeforces**: Expert (rating 1640) – Profile
- Global rank 79 out of 2500+ participants in Code 360 hard challenge
- **CodeStudio**: Dominator (rating 1857) – Profile