Tushar Kuamr

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SUMMARY

Dynamic MERN Stack and AI engineer with 2+ years building full-stack web applications using MongoDB, Express.js, React, and Node.js. Expert in designing scalable RESTful APIs, intuitive React interfaces, and integrating AI/ML models (e.g., transformers). Skilled in data pipelines, database optimization, and collaborating cross-functionally to deliver robust, maintainable, secure, efficient solutions.

EXPERIENCE

AI & Tech Intern
ZeusInfinity Services   **February 2025 - Present, Remote**

· Integrated PostgreSQL as primary data store: designed schemas, wrote CRUD and migration scripts, and validated end-to-end data flows.
· Overhauled database architecture mid-project: rewrote data-access layer and SQL scripts to meet evolving requirements while preserving API compatibility.
· Researched and benchmarked open-source AI models (e.g., GPT-2 variants, DistilBERT) to identify the best fit for our use cases.
· Sourced, cleaned, and pre-processed publicly available datasets to feed into AI pipelines.
· Authored three in-depth technical blog posts on model selection, dataset curation, and deployment best practices to grow the company's AI knowledge base.
· Built a React-based data-upload widget and integrated it with a Python REST API backend for seamless dataset ingestion.
· Developed a Python automation script to sync database metrics daily to an Excel dashboard—eliminating manual updates and reducing errors.
· Demonstrated strong commitment and flexibility by working extra hours (including Sundays) to deliver bug fixes, performance optimizations, and final feature tweaks on schedule.

Full Stack Developer Intern
Fooz Food   **December 2024 - February 2025, Remote**

· Contributed to multiple web development projects, enhancing platform functionality and user experience.
· Developed user-friendly interfaces using modern front-end technologies.
· Improved website performance through optimization and efficient coding practices.
· Followed coding best practices and maintained scalable web architecture.
· Collaborated effectively with the team, showcasing strong analytical and problem-solving skills.
· Demonstrated creativity and strategic thinking in full-stack development tasks.

Front-End-Developer(Intern)
MCC Computer   **July 2024 - November 2024, Abohar**

· Gained hands-on experience in front-end development using React and Redux, along with back-end technologies such as Node.js, MongoDB, Express middleware, and JWT authentication to develop and maintain 3+ web applications.
· Focused on writing 30% more reusable and efficient code, adhering to industry standards, which reduced project completion time by 15% while improving skills in working under pressure and delivering high-quality results.
· Collaborated effectively with cross-functional teams of 5-10 members, providing valuable input and technical advice that enhanced project efficiency by 10%.
· Assumed leadership responsibilities by offering guidance and support to team members alongside the team leader, resulting in a 20% improvement in team productivity.

EDUCATION

Computer Applications
DAV Collage Abohar, Punjab · 07/2024

SKILLS

React.js, Node.Js, Mongo DB,, Python, AI-Agents,LLM(Large Language Model),NPL(Natural language processing),Git version control,AWS

Soft Skills: Chat GPT, Postman, API, Git, Github, Elementor