

RAVI KANT GARG

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Professional Summary

Frontend Developer proficient in building dynamic, high-performance web applications using Angular and React.js. Skilled in designing scalable and responsive user interfaces with Tailwind CSS and Prime NG, while ensuring smooth backend integration using Node.js. Experienced in developing and managing robust backend systems with Node.js, and working with database architectures like MongoDB and PostgreSQL. Adept at leveraging cloud platforms such as Azure to deploy scalable applications. Committed to delivering secure, efficient, and user-centric software solutions that align with business goals.

Education

GLA University, Mathura

Bachelor of Technology in Electrical & Electronics (CGPA: 8.44 / 10.00)

May 2023

Mathura, U.P.

Experience

Capgemini

Software Engineer

Oct 2023 – Present

Mumbai, Maharashtra

- Developed and delivered diverse and complex frontend applications, highlighting expertise in Angular and modern web development practices.
- Designed and implemented pixel-perfect, responsive user interfaces using Angular, Tailwind CSS, and PrimeNG to enhance user experience and interactivity.
- Built and optimized dynamic web applications, including a AI-driven agents chatbot and a prompt engineering enhancement platform.
- Integrated backend APIs seamlessly, optimized performance, and implemented user-centric features such as search functionality, pagination, and preference management for a smooth and intuitive user experience.
- Leveraged Git for version control and conducted thorough API testing using Postman to ensure reliability and maintainability.

Projects

RAGChatX App | React JS, JavaScript, Node.js, Python, Postgres SQL

- Developed the **frontend** of a high-impact **Retrieval-Augmented Generation (RAG) chatbot application** using **ReactJS, Tailwind CSS**, incorporating **lazy loading** and **state management** for optimized performance and scalability. The chatbot leverages **Azure Indexer** to create secure workspaces where users can upload files, extract responses from stored data, and interact with an AI-driven assistant.
- The application integrates a **Node.js-based user management system** for authentication and database handling, ensuring secure access and role-based control. Additionally, **Python** is used for retrieval, generation, and augmentation, enabling context-aware and precise AI responses. Key features include **workspace creation, file uploads, chat history management (pinning, unpinning, bookmarking), and multi-agent support**, ensuring a smooth and efficient user experience.

Prompt Performance Analyzer | Node.js, TypeScript, Angular, PostgreSQL, MongoDB

- Developed a platform to help users create effective AI prompts, guiding them through eight phases of the software development lifecycle (SDLC).
- Built a backend in Node.js to manage user requests and integrated Redis Cache for faster data retrieval.
- Configured PostgreSQL for efficient data management and integrated MongoDB for handling additional unstructured data.
- Created an optimized, responsive UI in Angular using PrimeNG components, structured within an Angular workspace for multiple projects in a single workspace

Technical Skills

Languages: JavaScript, TypeScript, ES6.

Technologies:

Frontend: React.js, Angular, Prime NG, Prime Flex, HTML, CSS, Bootstrap, Tailwind CSS.

Backend: Node.js, MongoDB, MySQL.

Tools: Git, GitHub, VS Code, STS.