Aadithyan A S

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portfolio-black-nu-54.vercel.app

Professional Summary

- **Summary:** Dynamic Full-Stack Web Developer with a strong command of JavaScript and expertise in the MERN stack (MongoDB, Express.js, React.js, Node.js). Passionate about leveraging Generative AI to drive innovation and rapidly adapt to emerging technologies. Skilled in problem-solving, team collaboration, and developing scalable web applications with efficient tech stack integration.

Education

Masai School   Present
Full Stack Developer   *Bangalore*
- **Relevant Coursework:** Data Structures and Algorithms

Govt. Polytechnic, Nedumangadu (CGPA : 7.5 /10)   2022-2024
Computer Software Engineering   *Thiruvananthapuram, Kerala*
- **Technical Skills:** C Programming, Python, HTML/CSS , Data Structures and Algorithms

Projects

SmartMemo-ai-DesktopApp | *Next.js 15, React 19, TypeScript, Tauri 2.6, Rust, Tailwind CSS,AI, PostgreSQL*   🌐 ⚙
- Developed an AI-powered cross-platform desktop voice memo app using Tauri (Rust + Next.js) with seamless Windows, macOS, and Linux support.
- Implemented real-time voice recording via WebRTC and instant AI transcription using Google Gemini 2.0 Flash.
- Integrated multi-language translation (20+ languages) and intelligent summarization for efficient content understanding.
- Designed a modern, responsive UI with dark/light themes, smooth animations (Framer Motion), and native desktop integration.
- Built advanced content management features, including smart tags, search, and filtering powered by PostgreSQL and Zustand.

SmartMem0-ai (Web App) | *Next.js, TypeScript, Tailwind, Shadcn, IndexedDB, Gemini*   🌐 ⚙
- Built a browser-based AI voice memo application using Next.js and TypeScript with a clean and responsive UI.
- Implemented voice recording directly in the browser with the MediaRecorder API, ensuring seamless user experience.
- Added AI-powered transcription, translation, summarization, and tagging features to enhance memo usability.
- Ensured full privacy and offline accessibility by storing all data locally in the browser using IndexedDB.
- Integrated Tailwind + Shadcn UI for a modern design system with reusable and accessible components.

Nexa-ai | *Next.js, Tailwind CSS, Node.js, Express.js, MongoDB, Gemini API, DeepSeek*   🌐 ⚙
- Developed an AI-powered multi-solution platform integrating Google Gemini API and DeepSeek for smarter, context-aware responses.
- Designed a responsive and modern UI using Next.js and Tailwind CSS for a seamless user experience.
- Built a secure backend with Node.js, Express.js, and MongoDB for managing user data and API keys.
- Implemented JWT authentication to ensure secure and scalable access across both consumer-facing and B2B tools.
- Delivered a fast and reliable platform combining advanced AI reasoning with clean UI and optimized performance.

Skills

Languages: C, Python, JavaScript, TypeScript, HTML, CSS, Rust
Frameworks & Libraries: React.js, Next.js, Express.js, Node.js, Tauri, Plasmo, GSAP, Shadcn
Databases: MongoDB, PostgreSQL, Firebase, IndexedDB (Dexie)

Soft Skills

Problem-Solving, Critical Thinking, Communication, Teamwork, Adaptability, Time Management, Continuous Learning