

Sajjad Ahammed

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Software Engineer with nearly 4 years of experience building full-stack web applications using React,Next.js, TypeScript, and Node.js.Focused on performance optimization, clean architecture, and scalable systems. Exploring GenAI development with LangChain, Pinecone, and Hugging Face to integrate AI-powered features and RAG pipelines into production apps.

SKILLS

Frontend: HTML5, CSS3, JavaScript, TypeScript, React.js, Next.js, Redux Toolkit, React Router, React Query, REST Tailwind CSS, ShadCN UI, Material UI, Chart.js, GSAP, GraphQL, React Testing Library, Vitest
Backend: Node.js, Express.js, REST API, Django (familiar), Python (familiar), MongoDB, PostgreSQL
DevOps & Deployment: Docker, Git, NPM, Vite, AWS Amplify, Firebase, Vercel, Netlify, GitHub Actions, CI/CD
AI & Developer Tools: LangChain (familiar), Pinecone, Hugging Face (familiar), Cursor, Warp Code, Windsurf

EXPERIENCE

Algobiz Innovations LLP 01/2023 - Present
Sr. Frontend Developer Calicut, Kerala

- Spearheaded the development of high-performance, responsive web applications and complex admin dashboards using React, Tailwind CSS, and ShadCN UI
- Integrated diverse data visualization components into dashboards, enhancing operational efficiencies and providing critical business insights.
- Expanded technical scope by developing key dashboard features within the Django framework, ensuring seamless full-stack integration.
- Collaborated with backend developers and participated in code reviews to improve code quality.

Luminar TechnoLab 06/2022 - 12/2022
Mern stack intern Calicut, Kerala

- Developed and deployed robust full-stack applications utilizing the MERN stack.
- Engineered and consumed RESTful APIs to facilitate seamless data communication between scalable backend services and responsive frontend interfaces
- Managed complex frontend state and application routing using React Context API and React Router, ensuring a smooth user experience across multi-page applications
- Gained practical experience in an Agile environment, collaborating in a team of 8 developers on 2-week sprints, emphasizing rapid iteration and continuous delivery

PROJECTS

VectorMind - RAG Chat | [Github-UI](#) | [Github-API](#) | [Live](#)

- Tech Stack: Next.js, TypeScript, Tailwind CSS, Shaden UI, Firebase, PineconeDB, Mistral AI, Langchain
- Developed RAG-powered document chat system with role-based access control and real-time PDF processing using Firebase authentication and Pinecone vector embeddings
- Built responsive admin dashboard with user management, permission controls, and file upload interface featuring real-time chat streaming and document source tracking
- Implemented secure RAG architecture with Firebase token-based authentication, Pinecone vector similarity search for document retrieval, and OpenAI integration for context-aware responses with source attribution

MindMend - AI Therapist | [Github](#) | [Live](#)

- Tech Stack: Next.js, Tailwind CSS, ShadCN UI, LangChain, Pinecone Vector DB, HuggingFace AI
- Developed AI-powered mental health chatbot with emotion detection and conversational memory using vector embeddings
- Built responsive therapist interface with real-time chat, sentiment analysis, and personalized user context tracking.
- Implemented RAG architecture for robust conversation retrieval, leveraging LangChain for orchestration and Pinecone for efficient vector similarity search. Utilized Hugging Face for the embedding model and LLM

Phoenix Engineering

- Tech Stack: Django, Python, SQLite, Celery, HTML/CSS, JavaScript
- Built a content management platform for publishing and managing blog articles, financial calculators, and digital advertisements, featuring an intuitive admin dashboard with real-time content editing and preview capabilities.
- Designed interactive financial calculator tools with client-side JavaScript validation and real-time computation, providing users with instant results for various financial calculations directly through the web interface.
- Implemented advertisement management system with visual campaign tracking and analytics dashboard, allowing administrators to monitor ad performance, manage placements, and track user engagement metrics through an intuitive frontend interface..

Streamify- Music Streaming Dashboard Dashboard | [Github](#) | [Live](#)

- Tech Stack: Next.js 15, React, Tailwind CSS, ShadCN UI, Server Components
- Built music analytics dashboard with server-side rendering for optimal performance
- Implemented data visualization showing streaming metrics and user analytics.
- Utilized Next.js API routes for server-side data fetching, improving page load speed by 50%

ACHIEVEMENTS

Developed and published the open-source React-Neumorphic UI library using a ShadCN-inspired CLI with automated GitHub Actions/Semantic Release for npm publishing | [Github](#) | [npm](#) | [docs](#)

EDUCATION

University of Calicut	2019 - 2022
Bachelor of Science in Computer Science	