MOHAMMAD SHAHID BEIGH

Srinagar, Jammu and Kashmir

✉ Email   in LinkedIn   ○ Github

Technical Skills

Frontend: HTML, CSS, SASS, Tailwind CSS, Material UI, JavaScript, Typescript, React, React Router, Redux Toolkit, Next.js, React Query, Apollo client
Backend: Nodejs, Express.js, REST APIS, GraphQL, NGINX, JWT, OAuth, Apollo Server, socket.io
Databases: MySQL, PostgreSQL, MongoDB, Redis, Firebase, Mongoose, Supabase, Prisma
Testing: Unit testing, Integration testing, Jest, Vitest, Supertest, React Testing Library, Puppeteer, Cypress
Devops: Git, Linux, Docker, CI/CD, Github Actions, AWS(EC2), Vercel, Netlify, Heroku
Other Skills: Python, Data structures and Algorithms, OOPs, Test Driven Development, DBMS, Web Sockets, WebRTC, GenAI - Langchain.js, Vector Embeddings and Databases, RAG (Retrieval-augmented generation)

Experience

Web Developer · Freelance Project   **February 2024 – June 2024**

Owais Yaqoob | Next.js, TypeScript, Tailwind Css, Firebase, Auth, Razorpay, Email.js | *GitHub* | *Live Demo*

- Led the full-stack development of a dynamic portfolio website using Next.js, Tailwind CSS, and TypeScript, enhancing online presence and user engagement.
- Engineered a responsive and aesthetically pleasing front-end, emphasizing usability and modern design principles that significantly improved user interaction and satisfaction.
- Collaborated closely with the client to define website requirements, ensuring the final product aligned perfectly with personal branding and professional goals.

Projects

MindVault | *React*, *Redux*, *Material UI*, *GraphQL*, *Apollo client, JWT*, *MongoDB*, *Docker*, *AWS(EC2)* | GitHub | Live Demo

- A full-stack web application that allows users to manage their personal knowledge base. Users can save articles, research papers, books, and other content.
- Developed a feature for uploading, updating, and deleting research papers and other personal content using *GarphQL*, with support for tags and metadata for easy categorization.
- Implemented user authentication and authorization using JWT, ensuring secure access and management of user data.
- Enabled multimedia support by integrating React-Player, allowing users to watch their saved videos directly on the platform.

Campus360 | *React*, *TypeSrcipt*, *Tailwind Css*, *OpenAI Embeddings*, *Langchain.js*, *RAG*, *Supabase*, *Firebase* | GitHub | Live Demo

- An AI-powered chatbot designed to assist students, faculty, and visitors at the Model Institute of Engineering Technology (MIET).
- Initiated the project by collecting institutional data from the official MIET website, uploading it to the Supabase Vector Database using *Langchain.js*, which laid a solid groundwork for enhanced data-driven functionalities.
- Developed the user interface with *React, TypeScript, and Tailwind Css*, integrated with Langchain.js, to create dynamic response chains and intelligent dialogue templates, significantly improving user interactions.
- Optimized response generation and language modeling using RAG (Retrieval Augmented Generation), Prompt Engineering, and Langchain.js.
- **Research Paper: AI-BASED CHATBOT FOR EDUCATIONAL INSTITUTES** - Over 500 reads!

Mohammadshahid.me | *Next.js*, *TypeScript*, *Tailwind Css*, *Framer Motion*, *Vercel* | GitHub | Live Demo

- Utilized cutting-edge technologies such as *Next.js*, *TypeScript*, and *Tailwind Css* to develop a sleek and modern portfolio website.
- Employed *TypeScript* for *type safety and code integrity* reducing bugs and enhancing maintainability throughout the development process.
- Leveraged *Tailwind Css* utility classes to create a *highly responsive and mobile-friendly layout*, optimizing the portfolio for various screen sizes and devices.

Education

Model Institute Of Engineering and Technology   **July 2020 – Aug 2024**
Bachelor of Engineering in Electronics and Communications   *Kot Bhawal, Jammu, J&k*