

MOHAMMAD SHAHID BEIGH

Srinagar, Jammu and Kashmir

✉ [Email](#)  [LinkedIn](#)  [Github](#)

Technical Skills

Frontend: HTML, CSS, SASS, Tailwind, 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

- 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](#), [TypeScript](#), [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, 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](#), [TypeScript](#), [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 with [Langchain.js](#)

Owais Yaqoob | [Next.js](#), [Tailwind CSS](#), [TypeScript](#), [Email.js](#) | [GitHub](#) | [Live Demo](#)

- Led the end-to-end development of a full portfolio website for a client using [Next.js](#), [Tailwind CSS](#), and [TypeScript](#).
- Enhanced frontend design and user experience, resulting in a more engaging interface and improved usability.
- Collaborated closely with the client to understand requirements, ensuring the final product aligned with their vision.

Mohammadshahid.me | [Next.js](#), [Tailwind CSS](#), [TypeScript](#) | [GitHub](#) | [Live Demo](#)

- Utilized cutting-edge technologies such as [Next.js](#), [Tailwind CSS](#), and [TypeScript](#) 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

Bachelor of Engineering in Electronics and Communications

July 2020 – Aug 2024

Kot Bawal, Jammu, J&K