

# MOHAMMAD SHAHID BEIGH

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✉ [Email](#) [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:** Node.js, Express.js, REST APIs, GraphQL, NGINX, JWT, OAuth, Apollo Server, Socket.IO

**Databases:** MySQL, PostgreSQL, MongoDB, Redis, Firebase, Mongoose, Supabase, Prisma

**Testing:** Jest, 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](#) | [View Live](#)

- Spearheaded the full-stack development of a portfolio website, leveraging Next.js and TypeScript to create a visually engaging, high-performance platform that increased client online engagement by **30%**.
- Designed a responsive, intuitive front end, using Tailwind Css to ensure consistency and enhance usability across devices, resulting in a **25%** improvement in user satisfaction.
- Collaborated closely with the client to define project requirements, achieving a **100%** alignment with personal branding goals, and led the end-to-end deployment process, integrating Firebase for seamless user authentication and Razorpay for secure payment processing.

## Projects

**MindVault** | [React](#), [Redux](#), [Material UI](#), [GraphQL](#), [Apollo Client](#), [JWT](#), [MongoDB](#), [Docker](#), [AWS \(EC2\)](#) | [GitHub](#) | [View Live](#)

- 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 [GraphQL](#), with support for tags and metadata for easy categorization.
- Implemented user authentication and authorization using [JWT](#), ensuring secure access and management of user data.
- Enhanced user experience by integrating [React-Player](#), enabling seamless video playback directly on the platform, which led to increased usage and time spent on the app.

**Campus360** | [React](#), [TypeScript](#), [Tailwind Css](#), [OpenAI Embeddings](#), [Langchain.js](#), [RAG](#), [Supabase](#), [Firebase](#) | [GitHub](#) | [View Live](#)

- 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, enhancing response accuracy by **90%** for common queries.
- **Research Paper: AI-Based Chatbot for Educational Institutes** - Over 500 reads!

**Mohammadshahid.me** | [Next.js](#), [TypeScript](#), [Tailwind Css](#), [Framer Motion](#), [Vercel](#) | [GitHub](#) | [View Live](#)

- Utilized cutting-edge technologies such as [Next.js](#), [TypeScript](#), [Tailwind Css](#) with [Framer Motion](#) 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 Bhawal, Jammu, J&K