

# MOHAMMAD SHAHID BEIGH

Srinagar, Jammu and Kashmir

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## Technical Skills

**Frontend:** JavaScript, TypeScript, React, Redux Toolkit, Next.js, Apollo Client, Tailwind CSS, Material UI

**Backend:** Node.js, Express.js, REST APIs, GraphQL, JWT, OAuth, Apollo Server

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

**Testing:** Jest, React Testing Library

**Devops:** Git, Linux, Docker, CI/CD, GitHub Actions, AWS (EC2), Vercel

**GenAI:** Python, LangChain, LlamaIndex, Retrieval-Augmented Generation, Pinecone, AWS Bedrock

## Experience

### Next.js Developer · Upwork

Dec - Jan 2025

*HeyMilo AI* | [Next.js](#), [React.js](#), [TypeScript](#), [Tailwind CSS](#), [Daily.co](#), [Vapi SDK](#)

- Integrated Daily.co and Vapi SDK for video conferencing features, enhancing the [platform's video interview](#) capabilities.
- Leveraged Vapi's [iframe object](#) to create a seamless connection to [Daily.co rooms](#), ensuring synchronization between the ai assistant and video conferencing.
- Utilized TypeScript for [type safety](#) and enhanced code maintainability, ensuring fewer runtime errors.
- Designed and implemented responsive and accessible user interfaces, ensuring a [consistent experience](#) across devices.
- Optimized existing components for better performance and maintainability, reducing loading times by [25%](#).

### Next.js Developer · Upwork

Feb - Jun 2024

*Owais Yaqoob* | [Next.js](#), [TypeScript](#), [Tailwind CSS](#), [Firebase](#), [Auth](#), [Razorpay](#), [Email.js](#)

- Led the creation of a high-performance portfolio website using Next.js, TypeScript, and Tailwind CSS, increasing client online engagement by [30%](#).
- Implemented Firebase for secure user authentication and as a real-time database, Razorpay for seamless payment processing, and Email.js for automated contact responses, improving client satisfaction by [50%](#).

## Projects

**TalkRoom** | [React](#), [Redux Toolkit](#), [Material UI](#), [Node.js](#), [Redis](#), [Prisma](#), [PostgreSQL](#), [Socket.io](#), [WebRTC](#), [Docker](#) | [GitHub](#) | [Live](#)

- Developed a real-time chat app with Socket.IO for messaging, secure WebRTC audio/video calls, and validated file sharing.
- Secured chat history and sessions using encrypted PostgreSQL and Redis.
- Built a TypeScript, Material UI interface with JWT, CSRF, XSS protection, and rate limiting.

**MindVault** | [React](#), [TypeScript](#), [Material UI](#), [GraphQL](#), [MongoDB](#), [Apollo Server](#), [Express](#), [Docker](#), [AWS \(EC2\)](#) | [GitHub](#) | [Live](#)

- Created a full-stack web app for managing academic resources with advanced categorization.
- Integrated advanced search and tagging features to enhance resource discoverability and user engagement.
- Implemented JWT, CSRF, rate limiting, and GraphQL depth limiting with Dockerized AWS deployment and CI/CD.

**Campus360** | [React](#), [TypeScript](#), [Tailwind CSS](#), [OpenAI API](#), [Vector Embeddings](#), [LangChain](#), [Supabase](#), [Firebase](#) | [GitHub](#) | [Live](#)

- Developed an AI-powered chatbot for MIET using LangChain.js, OpenAI embeddings, and RAG ([90% query success](#)).
- Built a responsive React.js, TypeScript, and TailwindCSS interface, reducing campus queries by [50%](#) with 24/7 access.
- Research Paper: AI-Based Chatbot for Educational Institutes** ([Over 800+ reads](#)).

**Interviewer** | [Next.js](#), [TypeScript](#), [Tailwind CSS](#), [OpenAI API](#), [Deepgram API](#), [API Protection](#), [Vercel](#) | [GitHub](#) | [Live](#)

- Simulated Machine Learning using Next.js and GPT-4 for real-time voice interaction.
- Integrated Deepgram for Speech-to-Text and Text-to-Speech functionalities to deliver dynamic feedback.
- Built with Next.js 14, React, and TailwindCSS; managed state with React Context and secured APIs via in-memory rate limiting.

## Education

### Model Institute Of Engineering and Technology

Bachelor of Engineering, BE in Electronics and Communications

2020 - 2024

Jammu, J&K