NILESH PASWAN

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Summary

Full-stack MERN developer and **Co-founder / Lead Engineer** of **ZynMeet**, a smart meeting scheduling platform. Skilled in **React**, **Node.js**, **Express**, and **MongoDB**, with expertise in building scalable web apps and optimizing performance. Experienced in **Next.js**, **Tailwind CSS**, **React Query**, and **RESTful APIs**. Passionate about clean code, seamless UX, and high-performance solutions.

Education

Bachelor of Arts (B.A.)
Munger University, Khagaria   2021-2024
Class 12 — Koshi College, Khagaria (BSEB)   2021

Professional Experience

Internship: Full-Stack Developer Intern — Zidio Development   Apr 2025 – May 2025
Duration: 1 month

Founder & Lead Engineer – Zynmeet (2024 – Present)

- Built a global SaaS scheduling platform using React.js, Next.js, Node.js, and Golang microservices from scratch.
- Integrated Razorpay international payment gateway and AWS SES for global payments and secure emails
- Containerized services with Docker and deployed on Vps
- Implemented Redis + BullMQ / RabbitMQ for background jobs and real-time updates.
- Set up secure email workflows using AWS SES, with domain authentication (SPF, DKIM, DMARC)
- Architected secure, scalable system design: HTTPS/TLS, JWT auth, encryption (SHA-256, AES), input validation, and rate limiting.
- Designed cloud infrastructure readiness: AWS EC2, S3, SES, and prepared for GKE deployment with future global scaling in mind.
- Designed system architecture for scalability, security, and future global rollout
- Backend is fully functional on localhost, pending completion of final features before production deployment.

Technical Skills

Front-End: React.js, Next.js, Tailwind CSS, HTML5, CSS3, Bootstrap, JavaScript (ES6+)
Back-End: Node.js, Express.js, RESTful APIs, Authentication & Authorization
Database & Queues: MongoDB, Redis, BullMQ, RabbitMQ, Postgresql
DevOps: Docker, GitHub Actions (CI/CD), NGINX Ingress

Version Control & Tools: Git, GitHub, GitHub Projects, Postman, VS Code, Linux CLI

Security: HTTPS, JWT Auth, Encryption (SHA-256, AES), Secure Headers, Penetration Testing

Projects

[Blogging Platform](#) (MERN Stack)

Tech Stack: React, Node.js, Express.js, MongoDB, Tailwind CSS, Redux Toolkit, JWT

Built a full-featured blogging platform with **rich text editor, image uploads, and draft support**. Implemented **JWT-based authentication**, role-based access, and **real-time chat** with Socket.IO. Developed **responsive UI**, **RESTful APIs**, and **media handling** with Cloudinary. Added **likes, comments, bookmarks**, blog discovery (search, tags, categories), and an **admin panel** for content and user management.

[Real-Time Chat App](#) (MERN Stack)

Tech Stack: React, TypeScript, Node.js, Express, MongoDB, Tailwind CSS, Redux Toolkit, JWT, Socket.IO, Cloudinary, React Query

Built a **full-stack real-time chat app** with **one-to-one and group messaging**, typing indicators, and online/offline status. Implemented **JWT authentication**, role-based access, and **media support** with Cloudinary. Developed **responsive UI** with React + TypeScript and Tailwind CSS, **RESTful APIs** with Express, and **state management** using React Query. Designed a **scalable backend socket architecture** to handle multiple chat rooms and active users efficiently.

[Quiz App](#) (Small project)

Tech Stack: React.js, Vite, CSS, JavaScript

Built an **interactive quiz web app** with personalized quizzes, timed challenges, score tracking, and instant feedback. Developed a **responsive, user-friendly UI** with smooth animations and transitions. Implemented **gameplay features** including score calculation, result reset, and progress tracking for enhanced user engagement.

[AI Image Enhancement](#) Tool (Next.js, TypeScript)

Tech Stack: Next.js, TypeScript, Tailwind CSS, Axios, React Hooks, Cutout Pro API

Developed an **AI-powered web app** for **image enhancement and background removal**. Implemented **real-time image processing**, **drag-and-drop uploads**, and **instant preview** features. Integrated **Cutout Pro API** for high-quality background removal and enhancement. Built with **Next.js** and **Tailwind CSS** for fast performance, responsive design, and a smooth user experience.