Nilesh Kumar Paswan

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PROFILE

Full-stack **MERN** developer with **1+ years** of experience building scalable products using **Next.js, React, Node.js,** and **MongoDB**. Specialized in performance optimization, API design, and cloud deployments. Seeking full-stack or backend engineering roles.

EDUCATION

Bachelor of Arts (B.A.)   *Bihar, India*
2021– 2024

SKILLS

Frontend: React.js, Next.js, Tailwind CSS, TypeScript, TanStack Query, SEO, Responsive UI

Backend: Node.js, Express.js, REST APIs, Authentication, Authorization

Databases: MongoDB, MySQL, PostgreSQL, Redis

AI Integration: OpenAI API, Gemini API

DevOps: AWS (EC2, S3, SES), Docker, CI/CD (GitHub Actions), NGINX

Tools: Git, GitHub, Postman, Linux CLI

Security: JWT, secure headers

EXPERIENCE

[ZynMeet](#) | Founding Full-stack Engineer | Remote   2024 – Present

ZynMeet is a modern meeting-scheduling platform that automates bookings, calendar syncing, and time-zone handling.

- Engineered the entire meeting-scheduling platform using **Next.js, Node.js,** and **MongoDB**, enabling frictionless bookings for **1000+ users.**
- Built a **conflict-free availability** engine with **advanced timezone logic**, reducing scheduling errors by 100% and keeping API latency under **150ms.**
- Delivered a **40% faster** SEO-optimized UI by applying performance best practices and component-level optimization.
- Automated reminders, emails, and notifications, cutting meeting no-shows by **30%**.
- Designed analytics dashboards using MongoDB aggregations to surface booking patterns and improve user insights.
- Managed production deployments with Docker, CI/CD, and AWS, achieving 99.9% uptime across releases.
- Integrated OAuth, and third-party calendars, improving platform interoperability and user adoption.

- **Tech Stack:** Next.js, React.js, Tailwind, Node.js, Express.js, MongoDB, Redis, Docker, AWS, OAuth, Webhooks, GitHub Actions

PROJECTS

[Blog Platform](#) | Full-stack Developer (Internship)

- Developed a full-featured blogging system with editor, drafts, and media uploads, increasing user publishing efficiency by **50%.**
- Implemented authentication (signup/login/reset) and profile management, reducing login-related support issues by **~20%.**
- Built CRUD features for posts, comments, likes, and bookmarks, enabling **complete user-driven content creation**.
- Added search, categories, tags, and trending logic to improve post discovery by **35%.**
- Created an admin panel for user/blog moderation, cutting manual review time by 60%.

- **Tech Stack:** React.js, Node.js, Express.js, MongoDB, JWT, Tailwind CSS, Cloudinary

[Code Compiler](#) – Online Code Execution Platform
- Built a secure code compiler supporting **9+ languages**, executing code in isolated Docker containers with near-real-time results.
- Delivered a clean Monaco Editor-based UI with autocomplete and syntax highlighting, boosting editor usability by 45%.
- Added snippet sharing with unique URLs, increasing user collaboration and return usage by 25%.
- Implemented a microservices architecture with Next.js + Express.js, improving system scalability by 40%.
- Stored code snippets efficiently in MongoDB with schema optimizations for fast retrieval under **100ms**.
- **Tech Stack:** Next.js, React 19, Tailwind, Monaco Editor, Node.js, Express.js, Docker, MongoDB

[Job Scheduler](#) Automation System | Full-stack Developer
- Built a reliable job-scheduler with **Next.js + Express.js + MySQL**, enabling real-time job updates with 0 lag.
- Implemented job execution logic with priority queues, improving job completion throughput by 35%.
- Integrated webhook notifications, reducing manual follow-ups by 70%.
- Designed a clean dashboard for job monitoring, improving troubleshooting speed by 50%.
- Optimized SQL queries and API structure, accelerating read/write operations by 30%.
- **Tech Stack:** Next.js, React, Tailwind, Node.js, Express.js, MySQL, Joi, Axios

[TalkNet](#) – Real-time Chat Application
- Developed a real-time chat system using **MERN + Socket.IO** with **<150ms** delivery, improving responsiveness across devices.
- Implemented message pagination, caching, and lazy-loading, reducing initial chat load time by 55%.
- Optimized backend APIs and MongoDB queries to sustain 20% traffic growth with consistent performance.
- Built JWT-based auth, role controls, and secure media handling, increasing platform security and reliability.
- Improved media upload experience with Cloudinary integrations, reducing upload time by 30%.
- **Tech Stack:** React 18, TypeScript, Tailwind, React Query, Node.js, Express.js, MongoDB, Socket.IO, JWT, Cloudinary