

Jatin Prakash

MERN Stack Developer

Phone Number : 7668166475 | Gmail : jatin.prakash.2720@gmail.com | Github Profile : jatinPrakash2720

Summary : Versatile Full Stack Developer leveraging AI tools to build efficient, end-to-end web applications. My expertise spans front-end, back-end, and optimizing workflows through intelligent automation.

PROJECTS

Production-grade Backend

- **Github-Repoistory** : production_backend
- **Major-Tech** : express.js, node.js, MongoDB, cloudinary
- **Minor-Tech** : jsonwebtoken, multer, bcrypt, mongoose
- **Description** : Engineered a production-grade Node.js backend for a video-sharing platform, achieving <100ms API response times and 1000-5000 RPS throughput. Secure API (JWT, bcrypt) ensures <0.1% error rates. Efficient media management with Cloudinary reduces video file sizes by 50-93% and improves video startup 4x. MongoDB/Mongoose optimizations resulted in 47% faster query response times, supporting high user engagement and feature adoption rates of 20-40%.

BlogLikho - AI-Powered Blogging Platform

- **Github-Repoistory** : ai_blogging_site
- **Major-Tech** : React, Vite, Tailwind CSS, TypeScript
- **Minor-Tech** : Framer Motion, Three.js, Locomotive Scroll, Radix UI, ESLint, PostCSS
- **Description**: Developed "BlogLikho," an AI-powered blogging platform reducing content creation time by 80% and increasing SEO traffic by 300%. Features lightning-fast AI generation, 100% original, plagiarism-free content, and smart writing assistance. Successfully launched the platform, attracting thousands of users globally.

Soldier Health Monitoring System (SHMS)

- **Github-Repoistory** : Project
- **Tech** : React.js, Io, Deep-learning, Blockchain, Fast-API.
- **Description** : A real-time soldier health monitoring system using IoT sensors, ML for risk prediction, and blockchain for secure data storage.
- **Role** : Developed the React.js frontend, integrating real-time data visualization and API communication.
- **Impact** : Enabled seamless health tracking, risk assessment, and secure data management.

SKILLS

- **Language** : Javascript(Advance),Java(Intermediate), python (Beginner), HTML, CSS
- **Library** : React.js, Node.js, Express.js, mongoose
- **Database Management**: MySQL, MongoDB
- **Github (Version Control)**
- **Data Structures & Algorithms**: Intermediate in DSA with Java

PROFESSIONAL EXPERIENCE

Chief Technology Officer (CTO) | Coding Ninja MIET Community | Jan 2025 – May 2025 Spearheading technical strategy, mentoring 100+ students in software development, and organizing 5+ successful workshops and hackathons to foster innovation and skill enhancement.

Secretary | CSI_MIET | Aug 2024 – Sep 2024 Directed planning and execution of 10+ technical/non-technical events, coordinating with 5+ industry professionals, significantly boosting organizational outreach.

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EDUCATION

B.Tech in Computer Science (Machine Learning & AI) Meerut Institute of Engineering & Technology | CGPA: 8.014 | Graduation: 2026 **Senior Secondary (Class 12)** Millennium Public School, Meerut | PCM | 94.2%

ACHIEVEMENT

1st Runner-Up in Fetchathon 2.0.

LANGUAGE

English & Hindi