Sumit Negi

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Professional Summary

Full Stack Developer with 3+ years of experience in MERN stack development. Specialized in building high-performance web applications with expertise in React.js, Next.js, Node.js, and cloud services. Proven track record of optimizing application performance and implementing AI-driven solutions that enhance user experience and business metrics.

Skills

Programming Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3
Frontend Development: React.js (Hooks, Context API, Redux), Next.js, Tailwind CSS, Material UI, Responsive Design
Backend Development: Node.js, Express.js, RESTful API Design, JWT Authentication
Database Technologies: MongoDB (Indexing, Aggregation Pipelines), Mongoose ODM
Cloud & DevOps: AWS (Lambda, EC2, S3, Amplify), Git, GitHub, Docker, CI/CD
Development Practices: Agile Methodologies (Scrum, Kanban), Test-Driven Development, Code Reviews
Professional Skills: Team Leadership, Technical Mentorship, Stakeholder Management, Problem-Solving, Full-Stack Architecture

Professional Experience

Software Developer, Stayfari – Delhi, India   Sep 2023 – Present

- Architected and developed a real-time fleet management platform that increased operational efficiency by 35% for clients.
- Implemented real-time communication using PubNub Presence API, reducing response time by 40% and improving driver coordination.
- Engineered secure authentication system with role-based access control, enhancing data security and regulatory compliance.
- Optimized media handling with ImageKit integration, resulting in 50% faster load times and improved user experience.
- Established NX monorepo structure to improve code organization, reducing development time by 25% through module reusability.
- **Rydovia** – Full Stack Ride Booking Platform: Developed end-to-end ride booking application using Next.js, TypeScript, and MongoDB, handling 1,000+ concurrent users. Implemented advanced authentication with JWT and role-based access control. Engineered AI-powered customer interview system that increased user engagement metrics by 35%. Built dynamic pricing algorithm based on supply-demand metrics, optimizing revenue generation by 28%.
- **AI Blog Generator** – Content Creation Platform: Created full-stack blog platform with Next.js, MongoDB, and Editor.js with 99.9% uptime and sub-2-second page loads. Integrated OpenAI API for automated content generation with customizable parameters and style options. Implemented intelligent image retrieval system using Unsplash and Pixabay APIs with content-based matching. Designed content optimization tools that increased SEO performance by 40% for generated articles.

Software Developer, Evelyn Learning Systems – Noida, India   Oct 2021 – Aug 2023

- Led development of "QAP" MERN stack application serving 10,000+ monthly active users with 99.9% uptime.
- Improved application performance by 40% through optimized MongoDB indexing strategies and API response caching.
- Reduced database query times by 60% by implementing efficient aggregation pipelines and data retrieval patterns.

- Integrated OpenAI API for automated content generation, increasing content creation efficiency by 75%.
- Spearheaded implementation of comprehensive error handling and logging system, reducing bug resolution time by 30%.
- Mentored junior developers in best practices and conducted code reviews, improving overall team code quality by 45%.

Key Projects

Flow Scrape – Visual Web Scraping Platform   GitHub
- Developed a highly customizable web scraping platform using Next.js 14, PostgreSQL, Prisma, and React Flow with 95% task automation.
- Implemented AI-based data extraction capabilities that improved scraping accuracy by 78% compared to traditional methods.
- Built a visual no-code/low-code interface enabling non-technical users to create complex scraping workflows, increasing user adoption by 65%.
- Engineered server actions for workflow execution, reducing latency by 40% and improving scalability for enterprise clients.
- Integrated Puppeteer for headless browser automation with custom selectors that handled dynamic content loading with 99% reliability.

AI Video Sentiment Analysis – Multimodal AI Platform   GitHub
- Architected a multimodal AI system using PyTorch that analyzes video content for sentiment and emotion with 92% accuracy.
- Implemented advanced feature extraction pipeline for video, audio, and text using BERT embeddings and custom CNN architectures.
- Designed and optimized the end-to-end SaaS platform using Next.js, React, Tailwind, and Auth.js based on the T3 Stack.
- Integrated AWS S3 for video storage and AWS SageMaker for model deployment, enabling real-time analysis for enterprise clients.
- Developed a comprehensive API system with key management and usage quota tracking, increasing MRR by 47% through tiered pricing.

Education

Guru Gobind Singh Indraprastha University – Bachelor of Computer Applications (BCA), Delhi, India Aug 2020