ABHISHEK KUMAR SINGH

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PROFILE SUMMARY

MERN Stack Developer with hands-on experience building scalable full-stack web applications using MongoDB, Express.js, React.js, and Node.js. Skilled in developing RESTful APIs, implementing JWT authentication, and designing secure, production-ready systems. Passionate about problem-solving, clean code, and delivering high-performance user-focused solutions

EDUCATION

GREATER NOIDA INSTITUTE OF TECHNOLOGY (GNIOT), AKTU	**OCT 2022 - JULY 2026**
B. TECH IN COMPUTER SCIENCE & ENGINEERING (Data Science)	Greater Noida, India

TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), Python, C++, SQL
- Frontend: React.js, Redux, HTML5, Responsive Design
- **Backend: JavaScript (ES6+), Python, C++, SQL**
- **Databases:** MongoDB, MySQL, Database Design, Query Optimization
- Tools: Git, GitHub, Postman, VS Code
- **Other Skills:** Data Cleaning, Feature Engineering, EDA, Predictive Modeling, Machine Learning, Deep Learning , Git & GitHub
- **Soft Skills:** DSA, OOP, System Design, Debugging, Deployment

PROJECTS

✦ **AI POWERED LMS PLATFORM**   **LIVE**https://learnxai-2r7w.onrender.com/
- Architected and deployed a scalable AI-powered Learning Management System using the MERN stack, supporting 100+ active users.
- Implemented JWT-based authentication, protected routes, and RBAC (Admin, Educator, Student).
- Integrated Gemini AI for automated quiz generation, chatbot support, and personalized recommendations
- Integrated file uploads, cloud storage, and data handling for video/notes/documents.
- Optimized MongoDB queries and indexing, reducing API response time by 30%
- Developed scalable **REST APIs** for courses, users, quizzes, progress tracking, and analytics.
- Integrated **Razorpay for secure payment processing** for course enrollment and subscriptions.

E-COMMERCE PLATFORM
- Developed a full-stack **E-Commerce Platform** using **React, Redux, Node.js, Express, and MongoDB**.
- Developed 15+ REST APIs and implemented MVC architecture
- Implemented **user authentication & role-based access** (Admin, Seller, Buyer) with JWT and secure API routes.
- Implemented secure authentication and multi-role dashboards (Admin, Seller, Buyer)
- Developed **REST APIs** for products, users, orders, and reviews with optimized database queries.
- Created responsive **UI/UX for product listing, checkout, and dashboards** using modern frontend libraries.
- Built **product catalog, shopping cart, order management, and payment integration** using **Razor pay** for seamless transactions.

BLOG WEBSITE.
- Developed a full-stack **Blog Website** using **React, Redux, Node.js, Express, and MongoDB**.
- Developed **REST APIs** for blogs, users, comments, and categories with optimized database queries.
- Built **CRUD functionality** for blog posts, comments, categories, and user profiles.
- Structured backend using MVC architecture and optimized MongoDB operations
- Implemented **user authentication & role-based access** (Admin, Author, Reader) with JWT and secure API routes.

EXPERIENCE & RESPONSIBILITIES

- Designed, developed, tested, and deployed software solutions for academic projects.
- Contributed to product planning, feature implementation, and debugging during the project lifecycle.
- Collaborated with team members for requirement analysis and reviews.