SMIRITI KAPOOR

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Summary

- Results-driven Computer Science student specializing in full-stack development with strong problem-solving skills.
- Proficient in React, Next.js, Node.js, Express, and MongoDB with hands-on experience building scalable, high-performance web applications.
- Solved 300+ DSA problems on LeetCode; implemented advanced features such as real-time collaboration, AI integration, and secure authentication in projects.

Education

Meerut Institute of Engineering and Technology   **2022 − 2026**
B.Tech in Computer Science and Engineering   *GPA: 8.88/10.0*

Projects

Prescripto | *MongoDB, Express.js, React.js, Node.js, Google Maps API*   **July 2025**

- Built a location-based platform enabling users to discover nearby doctors and book appointments seamlessly.
- Integrated Google Maps API for real-time doctor discovery, achieving 85% accuracy in location-based results.
- Implemented secure user authentication and role-based access control for doctors and patients to protect sensitive medical data.
- Designed a scalable MongoDB schema for efficient storage and retrieval of doctor profiles, patient records, and appointment data.
- **Live Link:** Prescripto

Sync.AI | *Next.js, MongoDB, Socket.IO, Redis, Google Gemini AI*   **June 2025**

- Developed a real-time AI-powered code generation and collaboration platform leveraging Google Gemini AI for intelligent, instant responses.
- Incorporated Socket.IO for low-latency, real-time communication, ensuring 99.9% uptime during collaborative sessions.
- Increased server performance by 40% through Redis caching, enabling fast authentication and seamless user onboarding.
- Applied prompt engineering and contextual memory from prior messages to reduce AI response errors by 90%.
- Enabled live collaborative coding with persistent AI responses, versioned file generation and live previews for team projects.
- **Live Link:** Sync.AI

BuyWise Ecommerce Website | *React.js, GSAP, Tailwind CSS*   **May 2025**

- Created a fully functional e-commerce platform using React.js for the frontend, Implemented seamless wishlist and cart management features with dynamic updates and smooth transitions.
- Enhanced site animations and interactions with GSAP, resulting in a 25% improvement in user engagement time.
- Deployed responsive design principles using Tailwind CSS, achieving 98% mobile usability score.
- **Live Link:** BuyWise

Technical Skills

Programming Languages: HTML/CSS, JavaScript, Java, Python, SQL (PostgreSQL)

Frontend: React.js, Next.js, Tailwind CSS, Shadcn, GSAP

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

Databases: MongoDB, MySQL, Supabase

DevOps & tools : Git, GitHub, AWS, Azure, Postman

Other Skills: RESTful APIs, JWT/OAuth Authentication, WebSockets, Redis, Responsive Design, Redux, Axios

Certifications

- **Azure Fundamentals:** Gained foundational knowledge of cloud services and how they are provided with Microsoft Azure. Covered core concepts such as Azure architecture, services, pricing, governance, and compliance.
Certificate: Azure Fundamentals