Aman Kumar

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in Aman kumar   ⊙ portfolio

SUMMARY

Results-driven Full-Stack Developer with expertise in React.js, Node.js, Express.js, and MongoDB, specializing in scalable web applications, RESTful APIs, and database optimization. Strong foundation in Data Structures & Algorithms (DSA), performance tuning, and cloud deployment. Adept at Agile methodologies, version control (Git), and DevOps practices. Passionate about developing secure, high-performance solutions with a focus on user experience (UI/UX), cybersecurity, and maintainable architecture.

EDUCATION

Bachelor of Technology in Computer Science & Engineering　　2021 – present
Greater Noida Institute Of Technology　　Noida, India

Intermediate　　2020
St. mary's inter college　　Etawaha, India

High School　　2018
St. mary's inter college　　Etawaha, India

SKILLS

- Frontend: React.js, HTML5, CSS3, JavaScript, UI/UX Design
- Backend:• Node.js, Express.js, MongoDB, RESTful APIs, SQL, NoSQL
- Programming Languages:• JavaScript, Python, Java, C++
- Tools & Platforms:• Git, GitHub, Postman, Docker, Firebase, VS Code
- Soft Skills:• Problem-Solving, Team Collaboration, Adaptability, Leadership

PROJECTS

Car Rental System (Urban Drive)
- Engineered a high-performance RESTful API, reducing response time by 30% using caching and database indexing. Designed a secure booking system managing 500+ daily transactions with high availability.
- Implemented role-based access control (RBAC), cutting unauthorized access attempts by 90%.

Foodies Web Application 🔗
- Developed a responsive food ordering application using React.js with dynamic UI components, ensuring seamless crossdevice compatibility.
- Implemented efficient state management using React Hooks and useContext, optimizing app performance and responsiveness.
- Designed a clean, modern interface with Tailwind CSS, enhancing user engagement through interactive UI elements and smooth animations.
- Built core features including real-time search functionality, category-based filtering, and a shopping cart with item tracking. Applied component-based architecture to ensure code reusability, maintainability, and streamlined development.

Password Manager
- Architected a full-stack password manager with AES-256 encryption to ensure 100% data security.
- Reduced password retrieval time by 50% through optimized database queries and indexing.
- Designed an intuitive user interface, increasing user adoption rate by 20%.

CERTIFICATES

- React.js FrontendDevelopment
- hackerrank certificate
- Node.js Backend Development
- Python workshop by softpro india pvt. Ltd