AMAN SHRIVASTAV

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Summary

Backend-oriented Full-Stack Developer experienced in system design, RESTful API development, authentication systems, and data-driven web applications using the MERN stack. Delivered multiple production-deployed projects and solved 350+ DSA problems, reflecting strong engineering fundamentals and analytical thinking.

Education

Ajay Kumar Garg Engineering College, Ghaziabad   **2023 − 2026**
B.Tech in Computer Science & Engineering   *CGPA: 7.98*

Experience

SOFTPRO INDIA (P) Ltd.   **1 July 2025 − 31 Aug 2025**
Full Stack Developer Intern (MERN)

- Optimized and maintained 10+ RESTful APIs using Node.js and Express.js, average API response time by 50%.
- Architected MongoDB schemas and indexing strategies to efficiently support 100+ concurrent requests without performance degradation.
- Integrated 10+ production-grade APIs with frontend systems, ensuring secure and scalable data flow.
- Performed API testing, debugging, and backend performance tuning using Postman for real-world client workflows.

Projects

WHIZCHAT (AI Powered Chatbot) — React.js, Node.js, Appwrite, Tailwind CSS Link — GitHub

- Built an AI-powered chatbot enabling real-time conversations with context-aware responses via the Gemini API.
- Engineered secure authentication, session management, and persistent chat storage supporting 100+ messages per session.
- Created a responsive UI, achieving message rendering latency.

GLOBALLODGE (Property Rental Platform) — Node.js, Express.js, MongoDB,Bootstrap Link — GitHub

- Developed an Airbnb-style rental platform with JWT-based authentication supporting 3+ user roles.
- Structured and delivered 20+ RESTful APIs for listings, users, bookings, and reviews with backend validation.
- Optimized MongoDB queries and indexing, improving API performance by 35%.

HEALTHNEXUS (Healthcare System) —React.js, Node.js, Express.js, MongoDB Link — GitHub

- Engineered a role-based healthcare platform supporting Admin, Doctor, and Patient workflows.
- Secured sensitive medical data using JWT authentication, encrypted passwords, and protected REST APIs.
- Developed core modules for appointment scheduling, patient records, doctor management, and medical reports.
- Deployed the application using MongoDB Atlas and Render, ensuring high availability and scalability.

Technical Skills

Languages: JavaScript, C, C++, Python
Frontend: React.js, HTML5, CSS3, Tailwind CSS, Bootstrap
Backend: Node.js, Express.js, REST APIs
Databases: MongoDB, MySQL
Tools & Cloud: Git/GitHub, Postman, VS Code, Windsurf
Other: Data Structures & Algorithms

Achievements & Extracurricular

- Solved 350+ problems on LeetCode & Codechef, strengthening problem-solving and DSA skills.
- Completed 4-week **Project-Based Summer Training** in Frontend Development from **IBM SkillBuild (CSRBOX)** (Certificate Link).
- Participated in the **Let's Code − Battle of Logic** Virtual Hackathon; secured **712th rank** in Aptitude Qualifier Round and **27th rank** in the DSA Final Logic Round   (Certificate Link).
- Completed **30 Days DSA Bootcamp in C++** on the Unstop Platform   (Certificate Link).