AMAN JAISWAL

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SUMMARY

Software Engineer / Full Stack Developer (Fresher) with a strong foundation in MERN stack development and backend systems. Experienced in building end-to-end web applications, RESTful APIs, and secure authentication workflows through hands-on projects. Proficient in problem-solving using Data Structures and Algorithms, and actively learning AI/ML fundamentals to build scalable, future-ready solutions.

SKILLS

- **Programming Languages:** Java, JavaScript
- **Frontend and Backend Technologies:** React.js, HTML5, CSS3, Bootstrap, Material UI, Node.js, Express.js
- **Database and Developer Tools:** MongoDB, Git, GitHub, VS Code, Docker (Basics)
- **AI / Machine Learning (Foundational):** Machine Learning fundamentals, Basic Deep learning concepts, experience using LLM APIs (OpenAI, Gemini)
- **Other Skills:** Problem Solving, Data Structures and Algorithms, Object-Oriented Programming (OOP), Computer Networks, Open Source Contribution

PROJECTS

Team Issue & Task Management System   GitHub Link

- Designed and developed an end-to-end web application for issue tracking and task management built with React, Node.js, Express, and MongoDB, implementing clean REST APIs and modular backend architecture.
- Built secure authentication and role-based access control (Admin, Manager, Member) with JWT, enforcing authorization at API level and enabling controlled workflows across users and teams.
- Implemented a complete issue lifecycle and Kanban-style workflow, along with threaded comments and in-app notifications, enabling real-time collaboration and reliable status tracking across teams.

ChatterHub — Real-time Video Conferencing & Chat App   GitHub Link

- Developed a real-time video conferencing and chat application supporting live video, messaging, screen sharing, and media controls.
- Built secure authentication, user session management, and chat history storage with JWT, Express.js, MongoDB.
- Implemented real-time communication features using WebRTC and Socket.io for messaging and media signaling.

AI-Based Indian Sign Language (ISL) to Hindi Text & Speech Translation System   GitHub Link

- Contributed to backend development for an AI-assisted ISL translation system, focusing on data handling and system integration.
- Worked on API workflows and preprocessing pipelines to support model inference and application logic.
- Collaborated with a team to design system architecture and ensure smooth interaction between frontend, backend, and ML components.

EXPERIENCE

Web Development Intern | Bharat Intern | Remote, India   Oct 23 - Nov 23

- Created a full-stack stock trading application using the MERN stack with JWT-based authentication and 6+ REST APIs for secure user authentication, data management, and application workflows.
- Designed a responsive React frontend with Bootstrap, Material UI, and stock price simulation.

EDUCATION

Master of Computer Application   **Sep 2024 - June 2026**
Presidency University, Bengaluru, Karnataka
- CGPA: 9.07

Bachelor of Computer Application   **Oct 2021 - June 2024**
University of Lucknow, Lucknow, UttarPradesh
- Overall 74%

CERTIFICATIONS

- **Frontend Developer (React) Certification – HackerRank**: Validated proficiency in React.js, component-based architecture, and frontend problem-solving skills.
- **HackerRank Software Engineer Certification** – Covering problem-solving, data structures, algorithms, and core software engineering concepts.
- **AWS Cloud Practitioner** - Covering core Cloud concepts, AWS services, and industry best practices.