Akshay Kumar Sood

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SUMMARY

Software Engineering student with strong foundations in Data Structures JAVA, Algorithms, Operating Systems, Databases, and Networking. Experienced in building scalable backend services, distributed web applications, and cloud-enabled systems. Passionate about big data, cloud computing, and performance optimization, with hands-on experience in developing API-driven architectures, real-time communication systems, and ML-powered applications.

PROJECTS

AptiGo – Aptitude Master Webpage | TypeScript, React, Google Gemini API, Tailwind CSS | Link | Code   **Complete 2025**

- Built a full stack web page with **1000+** MCQ, **50+ users**, and 30+ days record.
- By giving leaderboard and badges user interaction increased by 90%.
- Achieved **90% deployment uptime** on Render with robust environment and service configuration.

Fake News Detection | Python, Flask, React, NLP, Machine Learning | Code   **Complete 2024**

- Developed a full-stack fake news detection system using Flask and React with real-time classification (<10s response time).
- Trained and deployed ML models (TF-IDF + Logistic Regression / Random Forest) achieving ~90% accuracy on benchmark datasets.
- Built and optimized REST APIs, reducing latency by 35% and enabling smooth frontend–backend–ML integration.

Personal Portfolio Website | React JS | Ejs | Partials | Vercel | link | Code   **Updating 2025**
- Build Personal portfolio website using with the functionality of about me, projects, certificates and reach me section.
- Used React Vite, html, CSS, partials, ejs hosted on Vercel for smooth working flow.

TECHNICAL SKILLS

- **Programming Languages:** Java, C++, C, Python, JavaScript. Currently Doing DSA in JAVA
- **Web Technologies & Frameworks:** HTML, CSS, Bootstrap, Node.js, React.js
- **Authentication & Security:** JSON Web Token (JWT)
- **Soft Skills:** Communication (English, Hindi), Teamwork, Problem-Solving, Adaptability

EDUCATION

Chitkara University   Himachal Pradesh, IN
Bachelor of Engineering in Computer Science   Aug. 2023 – Present
SGPA: 9.31 [Current]   CGPA: 8.81 [Current]
Class X : 85.40 %   class XII: 68.80

ACHIEVEMENTS & CERTIFICATES

Ethical-Ethical-Hacking – 12-week program provided me cybersecurity principles, Ethical hacking techniques, best practices for safeguarding digital system.

SPORTS – Jaypee University of Technology Solan 2024. Secured 2nd position among 8 teams. Represents qualities like teamwork, leadership, discipline, adaptability and dedication.