

AKSHIT VERMA

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SUMMARY

4th-year Computer Science student at VIT-AP University (Graduation: 2026) with experience designing and building scalable software applications and backend systems. Skilled in Java, Python, Django, React, and database management, with a focus on clean code and performance.

PROJECTS

- AI Timetable Generator** (React, Node.js, Gemini API) ↗ July 2025
- Developed an AI-driven Timetable Generator utilizing React and Node.js, seamlessly integrated with the Gemini API for automated processes.
 - Employed an AI chatbot to dynamically adjust and enhance timetables while considering teacher and course limitations.
 - Provided a conflict-free scheduling solution that boosts efficiency for educational institutions.
- Sudoku Solver** (Java, JavaFX) ↗ June 2025
- Created a Sudoku Solver utilizing Java and JavaFX, featuring an engaging graphical interface.
 - Integrated an optimized backtracking algorithm to tackle puzzles of varying difficulty levels in real-time.
 - Delivered a user-friendly application that offers validation and visualization features to enhance usability.
- To Do App** (Django, HTML, CSS) ↗ May 2025
- Built a To-Do List Web Application using Django, featuring user authentication and session management.
 - Implemented CRUD functionality for task management with a clean, responsive interface.
 - Enabled secure, personalized task tracking for multiple users with database integration.

EDUCATION

- Bachelor of Technology in Computer Science** June 2022 - June 2026
- Vellore Institute of Technology - Andhra Pradesh**
- Coursework in core subjects like DBMS, OOPS, Operating Systems, Data Structures
 - Solved over 200 problems on DSA on the LeetCode, CodeChef, and GeeksforGeeks platforms.
- Senior Secondary Education in CBSE** May 2020 - May 2022
- Delhi Public School - Bengaluru**
- Successfully completed coursework in Physics, Chemistry, Mathematics and Computer Science.

ADDITIONAL INFORMATION

- Languages:** Java, Python, HTML, CSS, JavaScript.
- Frameworks/Libraries:** TensorFlow, Scikit-learn, React, Node.js.
- Tools:** Git, GitHub, Vercel, Supabase, Netlify, MongoDB Atlas, VS Code, Figma, Framer, Canva.
- Certifications:** Problem Solvers for DSA, AWS Cloud Foundations & Architecture, Full Stack Development with MERN, Oracle Cloud Infrastructure GENAI.
- Activities:** Engaged in hackathons and participated in various workshops.