

# AKSHIT VERMA

•**Address:** Bengaluru, Karnataka •**Phone:** 9036909457 •**Email:** [vermaakshit@outlook.com](mailto:vermaakshit@outlook.com) ↗

•[www.linkedin.com](https://www.linkedin.com) ↗

•[www.leetcode.com](https://www.leetcode.com) ↗

•[www.github.com](https://www.github.com) ↗

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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.

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## 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.
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## 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.
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## 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.