Kalash Pratap Gaur

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EDUCATION

Manipal Public School	Lucknow, Uttar Pradesh
Grade 10 - Percentage: 93.5%	*2020*
Manipal Public School	Lucknow, Uttar Pradesh
Grade 12 - Percentage: 63%	*2022*
VIT Bhopal University	Bhopal, Madhya Pradesh
Bachelors in Technology in Computer Science and Engineering - CGPA: 8.0	*2022-2026*

PROJECTS

Good Glean: Food Waste Platform | *React Native, Node.js, MongoDB, Flask* — 2025
- Built a mobile app to connect farmers and NGOs, reducing food waste by 25%.
- Added role-based authentication and speech-to-text, improving accessibility by 40%.
- Deployed RESTful APIs on Heroku with MongoDB, boosting scalability by 35%.

AI Knowledge Assistant | *Python, FastAPI, Pinecone, React* — 2025
- Created a web app for NLP-based knowledge queries, enhancing accuracy by 20%.
- Used Pinecone for vector search, achieving sub-second responses 90% of the time.
- Built React frontend and FastAPI backend, cutting latency by 30%.

MERN Meme Generator | *React, Node.js, MongoDB, Tailwind* — 2025
- Developed a web app for meme creation, increasing user engagement by 15%.
- Designed RESTful APIs, improving meme storage efficiency by 25%.
- Used React and Tailwind for responsive UI.

Expense Tracker | *React, Express.js, MongoDB* — 2025
- Created a web app to track expenses, streamlining categorization by 20%.
- Implemented RESTful APIs with Express.js, enhancing data retrieval speed by 30%.
- Designed a React frontend, improving user interaction efficiency by 15%.

CERTIFICATIONS

Full Stack Developer MERN | *TheSmartBridge* — 2025
- Gained expertise in MERN stack development, building scalable web applications.

Gen AI using IBM WatsonX | *IBM Career Education Program* — 2025
- Learned to implement generative AI solutions using IBM WatsonX tools.

Social Media App MERN | *SmartInternz* — 2025
- Developed a MERN-based social media app, focusing on UI/UX and backend APIs.

ACHIEVEMENTS

- Shortlisted for final round of Startup Showdown at IIIT Naya Raipur (2025).
- Shortlisted for the final round of Kriyeta 4.0 at the Acropolis Institute of Technology and Research, Indore (2025).

PROGRAMMING SKILLS

Languages: Python, JavaScript/TypeScript, C/C++, Java, SQL, HTML/CSS
Frameworks: React, Node.js, Express.js, Flask, Angular, React Native
Libraries: pandas, NumPy, Matplotlib, Hugging Face Transformers, Pinecone
Databases: MongoDB, PostgreSQL, SQLite
Developer Tools: Git, Docker, TravisCI, Google Cloud Platform, Heroku, VS Code, PyCharm, IntelliJ, Eclipse
Other: RESTful APIs, Generative AI (IBM WatsonX), Vector Search, Tailwind CSS