

Vansh Sharma

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PROFESSIONAL SUMMARY

- BTech student in Information Technology with experience in full-stack web development and AI-powered applications.
- Proficient in React, Node.js, MongoDB, Python, JavaScript, Tailwind CSS, and EJS for building scalable web apps.
- Hands-on experience in multimodal AI learning platforms, real-time alert systems, and open-source contributions.
- Strong foundation in algorithms, data structures, software engineering, and collaborative problem-solving.

EDUCATION

Bhagwan Parshuram Institute of Technology

Bachelor of Technology (BTech) in Information Technology

Rohini, Delhi

Aug. 2024 – Aug 2028

EXPERIENCE

Contributor in Open Source Organization

June 2025 – Aug 2025

kubestellar

- Development and optimization of web application features using React.
- Enhanced user experience and interface responses.
- Maintained documentation and contributed to UI/UX design of the website.

PROJECTS

EduMorph | React, MongoDB, Node.js

- Developed a multimodal AI-powered learning platform for students.
- Used React for frontend, Tailwind for UI, Node.js for backend, MongoDB for database.

MedGuide | React, MongoDB, Node.js

- Smart medicine guide for quick info and symptoms.

LifeLine OS | MERN Web Stack

- Emergency alert system sending real-time location-based alerts to responders.
- Integrated AI assistant to provide guidance during natural calamities.
- Ongoing updates and improvements to the system.

GTA 6 Animated Website | JavaScript, Tailwind CSS

- Created an interactive animated website inspired by GTA 6 game.
- Massively used Tailwind CSS for styling and layout, with JavaScript for dynamic interactions.
- Enhanced user experience with engaging animations and responsive design.

Donation Platform

- Built a platform to donate books, clothes, and stationery to people in need.
- Implemented item listing, pickup preferences, and request management for recipients.
- Integrated payment gateway for smooth donation transactions.
- Ensured polished UI/UX using React and Tailwind CSS.

TECHNICAL SKILLS

- **Languages:** Python, C/C++, SQL (Postgres), MySQL, MongoDB, JavaScript, TypeScript, HTML/CSS
- **Frameworks:** React, Node.js, Express, JUnit, Tailwind, Bootstrap, EJS
- **Developer Tools:** Git, Github, Google Colab, PowerBI, Excel, VS Code, PyCharm, Figma, REST API, Jupyter Notebook
- **Libraries:** pandas, NumPy, Matplotlib, Seaborn