

Baibhav Sureka

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ABOUT ME

Second-year Computer Science undergraduate at VIT, passionate about coding and Artificial Intelligence. Eager to apply skills to real-world challenges, I thrive in collaborative environments. Always keen on learning and staying updated, I bring strong problem-solving abilities and adaptability to contribute to impactful projects.

EDUCATION

B. Tech – Computer Science

Vellore Institute of Technology (VIT), Vellore

CGPA-8.87

2022 – 2026

Class 12th (CBSE)

Delhi Public School, Sitamarhi

Percentage-78%

2020 – 2021

Class 10th (CBSE)

Nikhil Shyama DAV Public School, Sitamarhi

Percentage-93%

2018 – 2019

TECHNICAL SKILLS

- Artificial Intelligence, Data Structures and Algorithms, Object Oriented programming (OOP) in C/C++, Generative AI
- Languages:** C, C++, Java, Python, HTML, CSS, Bootstrap, JavaScript (JS), React.js, Next.js, Typescript, Tailwind CSS
- Developer Tools:** VS Code, PyCharm, Google Colab notebook

PROJECTS

1. Legally

- Description: "Developed 'Legally' - an AI-powered legal advisor simplifying Indian law."
- Top 10 Finish in DEVSOC'24 hackathon organized by CodeChef VIT.
- Techstack Used: Nextjs, Typescript, Tailwind CSS, LLM, FAISS, Pinecone
- GitHub Link: [Github](#)

2. Vortex 360

- Description: "Vortex 360", a dynamic and responsive site for RoboVITics' event powered by AutoDesk.
- Showcased a 3-day CAD modeling design-a-thon, fostering innovative solutions to real-world problems.
- Techstack Used: Reactjs, JavaScript, HTML, CSS
- GitHub Link: [Github](#)

3. Robowar

- Description: Led development and launch of the official Robowars website for RoboVITics, VIT's robotics club.
- Implemented innovative design elements and functionalities, enhancing the online experience for participants.
- Techstack Used: HTML, CSS, Bootstrap
- GitHub Link: [Github](#)

WORK EXPERIENCE

CodSoft (AI Intern)

01/2024 - 02/2024

- Developed a rule-based chatbot using if-else statements and pattern matching, enhancing understanding of natural language processing and conversation flow.
- Implemented an unbeatable Tic-Tac-Toe AI with the Minimax algorithm, deepening knowledge of game theory and search algorithms.
- Created an image captioning AI, integrating computer vision and NLP, utilizing pre-trained models like VGG and ResNet, and implementing RNNs for caption.

Nexus info (Web Dev Intern)

02/2024 - 03/2024

- Contributed to web development initiatives, actively improving the online presence.
- Implemented user-friendly features using HTML, CSS, and Bootstrap.
- Collaborated with cross-functional teams to align website content with overall strategies.
- Resolved technical issues promptly, ensuring optimal website functionality.

EXTRACURRICULAR AND SOFT SKILLS

- Organized and led college Robowars event, showcasing strong organizational and leadership skills.
- Facilitated effective communication and collaboration within Robovitics Core Committee, ensuring smooth task execution.
- Managed development and launch of Robowars website, demonstrating adept project management abilities.