Abhidha Dixit

B.Tech.
CSE with specialization in AI and ML
Vellore Institute of Technology

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EDUCATION

Vellore Institute of Technology — Bhopal,India
Bachelor of Technology in Computer Science with specialization in AI and ML — September 2021 - May 2025
CGPA : 8.07

TECHNICAL SKILLS

Development Skills: Node.js, React.js, JavaScript, HTML, CSS, Bootstrap | State Management: Redux | Build Tools: Babel, Webpack

Databases & Developer tools: MongoDB, MySQL | Git, GitHub, VS Code, Postman, npm

API Integration: RESTful APIs, GraphQL

Certifications: Google Cloud Computing Foundations, Applied Machine Learning (University of Michigan), Intro to SQL

EXPERIENCE

MERN Full Stack — Aug 2023 - Nov 2023
Ethnus — Remote
- Built a responsive web application using MERN technologies, integrating MongoDB for efficient data management.
- Developed RESTful APIs with Node.js and Express.js to optimize data flow.
- Collaborated with designers and backend teams for seamless user experiences.
- Implemented Redux for state management, ensuring scalability and performance.

PROJECTS

Book Management System | *React.js, Google Books API, JavaScript* — Apr 2023 - Jun 2023
- Developed a React based Book Management web app that integrates with Google Books API, providing access to a catalog of over 2 million books.
- Implemented search functionality using React.js with real-time filtering, allowing users to search and view up to 40 books per page with the "Load More" feature in the react application.
- Built a responsive UI using React.js and Bootstrap, across devices (desktop, mobile, tablet).
  https://github.com/abhidhadixit/Books-Management

MemoryTestor | *React.js, JavaScript, CSS* — Jul 2024 - Aug 2024
- Cultivated an interactive React memory game with 16 Cards /8 Pairs arranged in a 4x4 grid, achieving gameplay accuracy.
- Executed a responsive layout on desktops, tablets, and smartphones with sub-1-second load time.
- Enhanced state management using redux, reducing re-renders and lowering memory usage.
- Tested on multiple platforms, achieving a reduction in error rates for stable and reliable performance.
  https://github.com/abhidhadixit/MemoryTestor

AI SaaS Platform | *React.js, Next.js, Google-t-5-flan* — Sept 2024 - Present
- Contributed to the front-end and the authorization features of an AI SaaS platform, integrating 5+ AI-driven tools including generation capabilities in text, music, code, and video.
- Designed secure user authentication and access control, enhancing portal security for 5+ users.
- Worked in a team to employ Google Flan-T5-large for text generation; optimized front-end performance.
  https://github.com/abhidhadixit/Capstone-project-Ai-Saas

EXTRACURRICULAR

- 5-Star in C++, HackerRank (2025): Earned a 5-star rating in C++, demonstrating proficiency in coding and logical thinking.
- Solved 250+ questions on GeeksforGeeks (2024-2025): Developed a strong foundation in algorithms and data structures by solving over 200 coding problems.
- Volunteer at Gujarati Club, VIT Bhopal University (2023-2024): Organized an event with 500+ attendees, managing logistics and coordination.
- Vice Head Girl (2020-2021): Supported the Head Girl in planning and executing school events.

ADDITIONAL INFORMATION

- Language Proficiency: English, Hindi