Abhidha Dixit

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https://github.com/abhidhadixit

EDUCATION

Vellore Institute of Technology — Bhopal,India

Bachelor of Technology in Computer Science and Engineering
(Artificial Intelligence and Machine Learning) — September 2021 - June 2025

CGPA : 8.15

TECHNICAL SKILLS

Programming Language: C, C++
Web Development Technologies: React.js, Node.js, JavaScript, Bootstrap, Tailwind CSS
Integration & APIs: RESTful APIs, Google Books API
State Management: Redux
Databases: MySQL, MongoDB
Cloud & Tools: Google Cloud, Git, GitHub, VS Code, Postman

EXPERIENCE

MERN Full Stack — August 2023 - November 2023
Ethnus — Remote

- **Ethnus** is an education training company that provides hands-on learning in emerging technologies.
- As a **MERN stack intern**, I developed a full-stack blogging platform to manage content and users by building the frontend using **React.js** and **JavaScript,** integrating **MongoDB** for data management, creating **RESTful APIs** with **Node.js,** implementing Redux for scalable state handling, and collaborating with designers and backend developers, which resulted in a high-performance, responsive application with seamless user experience.

PROJECTS

AI SaaS Platform | *React.js, Next.js, Google-t-5-flan* — September 2024 onwards

Ai-SaaS/vercel.app

- Collaborated in a team to build a secure AI SaaS platform integrating 5+ AI tools for text, music, code, and video generation, aiming to deliver a responsive and user-friendly experience.
- Designed and implemented secure **user authentication** and access control, integrated Google Flan-T5-large for text generation, and optimized front-end performance, resulting in enhanced platform security, faster response times, and improved usability.

Book Management System | *React.js, Google Books API, JavaScript* — April 2024 - June 2024

github.com/Books-Management

- Created a **React-based Book Management** web app integrated with the **Google Books API** to provide access to over 2 million books.
- Implemented real-time search with **dynamic filtering, pagination** up to 40 books per page, and a responsive UI using **React.js** and **Bootstrap**, improving usability, scalability, and cross-device compatibility.

LeafSpot: Leaf Disease Identifier | *Python, CNN, Tensorflow, keras* — December 2023 - March 2024

- Built and optimized a **CNN-based Leaf Disease** Identifier using 30,00 annotated images, applying targeted data augmentation and hyperparameter tuning to improve accuracy and robustness.
- Integrated the model into a Flask-based mobile app with a user-friendly interface, **enabling farmers and agronomists to detect plant diseases** more accurately than manual inspection methods.

EXTRACURRICULAR

- **5-Star in C**++, HackerRank (2025): Earned a 5-star rating in C++, demonstrating strong coding proficiency and logical **problem-solving skills**.
- Solved **Coding Problems** (2024–2025):Built a strong foundation in **data structures and algorithms** through consistent problem-solving on GeeksforGeeks and LeetCode.
- **Vice Head Girl (2020–2021)**:Assisted the Head Girl in planning and executing school events, fostering leadership and teamwork skills.
- **District-Level Kabaddi Player**: Represented at district-level competitions, showcasing sportsmanship, discipline, and team collaboration.
- **Music Enthusiast:** Highly interested in playing the **harmonium**, actively engaging in musical performances and practice.

ADDITIONAL INFORMATION

- Language Proficiency: English, Hindi