Vivek Mahey

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PROFESSIONAL SUMMARY

Dedicated and goal-oriented Computer Science and Engineering student (B.Tech) with hands-on experience in developing responsive and user-friendly web applications. Proficient in front-end development using React, HTML, CSS, and JavaScript, and skilled in back-end technologies like Node.js, Express.js, and MongoDB. Familiar with full-stack development workflows and version control through Git/GitHub. Eager to join a dynamic team to contribute to real-world projects and enhance technical skills.

EDUCATION

- Bachelor of Technology (B.Tech) in Computer Science and Engineering — July 2022- Present
  GNA University, Phagwara, Punjab — CGPA: 8 . 7
- Senior Secondary Education (12th Grade) — April 2021- March 2022
  Government Senior Secondary Smart School Paddi Sura Singh , Punjab — Percentage: [85 %]

INTERNSHIP EXPERIENCE

- **Full Stack Developer Intern | Excellence Technology Mohali, Punjab** — May 2024 to July 2024

Worked on responsive front-end development using React.js, HTML, CSS, and JavaScript, collaborated on building user-friendly interfaces, and used GitHub for version control. Also assisted in debugging and improving cross-browser compatibility.

- **Software Developer Intern | A2IT Soft Pvt Limited, Mohali, Punjab** — June 2025 to August 2025

Worked on full-stack development using the MERN stack, focusing on building responsive applications with React.js and RESTful APIs using Node.js and Express.js. Managed databases with MongoDB, collaborated on secure authentication, and used Git/GitHub for version control while debugging real-time issues, including developing a job portal website.

PROJECTS

- **EcoChain: AI-Powered Waste Management & Upcycling Platform** — Built a full-stack MERN web app promoting recycling through rewards, idea sharing, and an eco-marketplace. Integrated **Gemini** API for chat assistance, upcycling idea optimization, and sustainability quizzes and Implemented EcoToken rewards .
- **AI-Powered Personalized Learning Platform**: Full-stack AI learning assistant built with MERN. Included chatbot, voice tutor, AI quiz maker, mock interview with posture detection, doc summarizer, and task manager using OpenAI and ML models.
- **University Event Management System:** Built a scalable event management platform with role-based dashboards for Admins, Students, and Organizers. Features include event creation, registration, and scheduling. Developed with React, Tailwind CSS, ShadCN UI, React Router, Node.js, Express.js And MongoDB.
- **SmartCrave: AI-Driven Wellness Food Advisor** — Full-stack MERN app for healthy food alternatives. Integrated Gemini and OpenAI APIs for nutrition analysis, personalized workouts, hydration tips, and health recommendations based on cravings, goals, and conditions.
- **Lensfiller Photography Portfolio Studio Website:** Developed a responsive portfolio website for showcasing wedding albums and photography services. Built using React, CSS, Node.js, Express.js, and MongoDB to provide a dynamic and scalable user experience.

SKILLS

- **Technical Skills:** React, JavaScript, EJS , Node.js, Express.js, MongoDB,SQL, HTML, CSS, RESTful APIs, Git, GitHub, UI/UX Design, Bootstrap, Tailwind CSS, Version Control, API Integration, Postman, Basic, Python, Java, C++, Java.
- **Soft Skills:** Problem-Solving, Communication, Team Collaboration, Adaptability, Time Management, Critical Thinking, Attention to Detail, Fast Learner, Creativity, Leadership

LANGUAGES

English (Fluent), Hindi (Fluent), Punjabi (Native)