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LNMIIT
The LNM Institute of
Information Technology

KEY EXPERTISE

Data Structures and Algorithms   C++   Javascript   NodeJS   NextJS   MongoDB   MySQL   DBMS   Express.js

React   TailwindCSS   Git   Github   Docker   Java   Python   Prisma

EDUCATION

LNM Institute of Information Technology   2021 - 2025
B.Tech. - CCE | CGPA: **8.40 / 10**

Kanha Makhan Millennium School, Mathura   2020
12th | CBSE | Percentage: **97 / 100**

Kanha Makhan Millennium School, Mathura   2018
10th | CBSE | Percentage: **96.50 / 100**

PROJECTS

Budget Tracker   01 Jul, 2024 - 31 Jul, 2024
Team Size: 2

Key Skills: NextJS   REST API   SQLite   React Query   TypeScript   TailwindCSS   Prisma

Project Link: https://github.com/Hemant297/Budget-Tracker

• Built a budget tracker web app with Next.js 14 and Zod middlewares for automated budget tracking.
• Implemented authentication using Clerk API and ensured type safety with TypeScript.
• Designed UI with Tailwind CSS and Shadcn UI; utilized Recharts for dynamic data visualization in a user-friendly dashboard.
• Managed database with SQLite and Prisma ORM; enhanced data fetching efficiency with React Query.
• Enabled income and expense tracking under custom categories; provided robust monthly/yearly transaction analysis.

PromptAISave   15 Jun, 2024 - 15 Jul, 2024

Key Skills: NextJS   NextAuth   Tailwind   REST API   MongoDB   Javascript   Git   Express.js

Project Link: https://prompt-ai-save.vercel.app/

• A Next.js web app for saving, sharing, and searching AI prompts by tags.
• Implemented user authentication using NextAuth with Google provider.
• Managed and organized prompts in NoSQL database MongoDB.
• Enabled searchable prompts by tags and viewing of others' prompts and profiles.
• Created routes for updating and creating new prompts for the authenticated user with Express Middlewares.
• Utilized Git / GitHub for version control and collaboration and Vercel for deployment.

Resume Builder App   01 Mar, 2024 - 15 Apr, 2024

Key Skills: ReactJS   Javascript   CSS   HTML   GIT   Front-End Web Development

Project Link: https://github.com/hbansal90/resume-builder.git

• Web app for creating and customizing resumes with sections like education, skills, experience, contact details etc.
• Key Features: Add, edit, delete sections with customizable section names and drag-and-drop functionality
• Real-time resume preview and downloadable as PDF using React-pdf.
• Various Templates to switch between for users.
• Technologies Used: ReactJS, JavaScript for core functionality, CSS and HTML for styling and structure, Git and GitHub

INTERNSHIPS

The LNM Institute of Information Techonology, Jaipur | Education   01 Aug, 2023 - 15 Dec, 2023
Technical Assistant (TA) in Advanced Programming (AP) in Java

Key Skills: OOPs   Java   UML   Design Principles   JDBC   Debugging

• Utilized OOP principles and basic Java fundamentals to facilitate student comprehension.
• Enhanced debugging abilities, design intuition, and JDBC fundamentals in Java OOP environment.

LUSIP (The LNMIIT Undergraduate Summer Internship Program) | IT / Computers -   18 May, 2023 - 21 Jul, 2023
Software
Summer Research Intern

Key Skills: Research   Machine Learning   AIML   Survey   Python

• Project Name: Anomaly in Intelligent Transportation System
• Researched and drafted a Survey Paper on Vehicle Re-Identification using Deep Learning Algorithms
• Implemented and assisted in the data-set extraction and annotation.

CO-CURRICULAR ACTIVITIES

- Educator and Content Writer for ed-tech startup- Astrophysicast
- Successfully managed and organised Shark Tank LNM 2023 in Plinth 2023
- Core Member of The Debate Society
- President/ Coordinator of E-Cell