Vibhore Mathur

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EXPERIENCE

SOFTSENSOR.AI | MERN Developer Intern
May 2025 – August 2025 | Jaipur, Rajasthan

- Engineered a centralized MQTT alert system delivering 1,000+ cross-app notifications per week, improving cross-application communication.
- Developed a centralized Data Transfer Object (DTO) architecture to unify 30+ back-end routes from mutable responses, eliminating response inconsistencies and reducing client-side defects.
- Partnered with cross-functional team members in an agile environment to design and implement scalable full-stack modules, ensuring robustness and long-term maintainability.

ANUIN TECHLOGIX | Web Developer Intern
July 2024 – September 2024 | Jaipur, Rajasthan

- Built a React + Redux dashboard that surfaces real-time orders and statuses, reducing order processing time.
- Integrated RESTful endpoints for menu,order and dishes flows; enabled staff to process 100+ orders/day across desktop and mobile with <3s avg response
- Engineered performance optimizations through code-splitting, lazy loading, and improved state management, reducing page load times by 25% and enhancing user interactions.

PROJECTS

Stratifyy – Stock Backtester   Live Demo | ⌂

- Developed a full-stack trading strategy backtester using C++ computation engine, React(TypeScript), Node, Express, PostgreSQL,Socket.io,Recharts and JWT based authentication.
- Implemented multiple strategies, including Bollinger Bands, Mean Reversion, Momentum, and other strategies, enabling flexible and configurable backtests.
- Implemented equity curve visualizations, real-time trade updates, drawdown analysis, and interactive dashboards with key performance metrics and position tracking.

Odeon – Spotify Analytics Platform   Live Demo | ⌂

- Engineered a full-stack analytics platform using React (TypeScript), Node.js, Apollo GraphQL, and LowDB to track and visualize Spotify usage.
- Designed interactive dashboards that deliver insights on top tracks, artists, genres, moods, and generate personalized playlist recommendations.
- Deployed backend services to AWS Elastic Beanstalk, ensuring high availability and scalability for real-time data processing.

WebAnalyzerAI | ⌂

- Built a Chrome extension (Manifest V3, JavaScript) that analyzes and summarizes website tech stacks in a popup UI.
- Integrated Cohere NLP to generate concise 5-point insights on frameworks, APIs, and architecture, achieving 80% accuracy vs. manual audits in user testing (n=10).

EDUCATION

SKIT, Jaipur   *Nov 2022 – Aug 2026*
Bachelor of Technology, Computer Science (Artificial Intelligence)
CGPA: 7.96 / 10

Ryan International School, Jaipur
Class XII (CBSE)   *2022*
Percentage: 82.8%

Ryan International School, Jaipur
Class X (CBSE)   *2020*
Percentage: 92.2%

SKILLS

PROGRAMMING

Node.js	Python	GraphQL
JavaScript	Flask	
TypeScript	Express.js	

DATABASES & TOOLS

MongoDB	AWS	Git
PostgreSQL	Docker	

COURSEWORK

Data Structures and Alogrithms
OOPS
Operating Systems
Computer Networking
Machine Learning