Charanjeet Singh

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About me

Results-driven Full Stack Developer with expertise in building scalable, user-centric web applications using the MERN stack. Passionate about solving complex technical challenges through algorithmic optimization and clean code architecture. Committed to continuous learning and complying with modern web development standards to deliver high-performance solutions.

Education

KIET Group Of Institutions, Bachelor of Technology in Computer Science and Engineering — Sept 2024 – Present
- Cumulative CGPA: 9.07/10.0

Sacred Heart Higher Secondary School, Class XII — April 2022 – March 2023
- CGPA: 9.0

Sacred Heart Higher Secondary School, Class X — April 2020 – March 2021
- CGPA: 9.8

Technical Skills

Languages: Java, JavaScript, TypeScript, SQL, HTML, CSS
Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, Tailwind CSS
Tools & Platforms: Git, GitHub, MongoDB, Postman, Vercel

Experience

Research Intern (Virtual) under Mohd. Shadab Hasan Sir — Delhi, Aug 2025 - Sept 2025
- Conducted research on AI applications in HR and business, analyzing strategies from IBM, Anthropic, and SAP to improve talent management and efficiency.
- Created structured reports on AI-driven productivity insights to support strategic decision-making.

Projects

TradeX-platform ⧉ — Sep 2025 - Dec 2025
- Built a production-grade trading platform featuring a real-time paper trading engine, AI-powered insights for Crypto, Stocks, Forex, and Commodities, and a unified multi-platform portfolio tracker with live financial news aggregation.
- **Tech Stack:** HTML, JavaScript, CSS, Node.js

TradeoffAI ⧉ — Jan 2026 - Feb 2026
- Developed an AI-powered comparison tool for optimizing technical decisions across APIs, Databases, and Infrastructure using constraint-based evaluation and smart scoring benchmarks.
- **Tech Stack:** Next.js 16, TypeScript, Tailwind CSS v4, AI Integration

Achievements

- Maintained a cumulative CGPA of 9.07/10.0 through the 3rd Semester, reflecting consistent academic excellence and a strong grasp of core computer science fundamentals.
- Secured a Top 10 rank in the college during the ICPC Regional Preliminary Contest, demonstrating strong algorithmic problem-solving skills and effective teamwork strategies under pressure.