UTKARSH KUMAR

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SUMMARY

Passionate Computer Science Engineering student at BIT Mesra, Jaipur, with a strong foundation in AI, fintech, and software development. Currently building an AI-powered investing app with a modern React-based frontend and Alpha Vantage API integration. Enthusiastic about innovation, startups, and developing smart home security solutions.

EXPERIENCE

Data Analyst Intern role at Tare Zameen Foundation   **[MAY-JUNE2025]**

- Collected, organized, and cleaned large datasets to support NGO program analysis and reporting.
- Identified patterns and actionable insights from data to enhance project decision-making.
- Assisted in creating visualizations and reports to present findings to stakeholders effectively.

PROJECTS

AI-Powered Investing App

- Developed an AI-powered investing app with real-time stock market data integration using the **Alpha Vantage API**.
- Created a modern, minimal, and eye-catching **React**-based frontend with Bootstrap for enhanced user experience.
- Implemented features like stock search, mutual fund tracking, and live market indices with seamless design.

P2P Blockchain-Based Carpooling System - APRIL2025

- Contributing to a team project developing a P2P blockchain-based carpooling system.
- Aiming to enhance transparency, security, and trust in ride-sharing using blockchain technology.
- Assisting in research and development of decentralized transaction mechanisms.

Electronic Arts Software Engineering virtual experience program on Forage - May 2025

- Built a class diagram and created a header file in C++ with class definitions for each object.
- Patched a bugfix and optimized the EA Sports College Football codebase by implementing an improved data structure.

SKILLS

- Python (Flask, FastAPI)
- HTML CSS
- JavaScript (React.js,Node.js)
- SQL
- Tableu

EDUCATION

Birla Institute of Technology, Mesra – Jaipur Campus   **[2022-2026]**
- B.Tech in Computer Science & Engineering │ CGPA: 7.06

Dolphin Public School (Senior Secondary)   **[2020-2022]**
- Class 12: 75% • Class 10: 92.6%

ADDITIONAL INFORMATION

- **Languages:** English, Hindi
- **Certifications:** Certification on Research Paper of "Automated Methods in Healthcare" DCTSE 2024 │"**Deloitte Australia Data Analytics Job Simulation on Forage - May 2025**"
- **Event Coordinator and Medals –** Sports Fest Led a team to organize and execute the college sports fest, managing scheduling, logistics, budgeting, and team coordination for a seamless event. Won medals in Volleyball, Athletics,Cricket at Cavorts.