SHREYA TRIPATHI

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LinkedIn | GitHub

INTERNSHIP EXPERIENCE

- **Pinnacle Full-Stack Interns** — *Oct 2024 - Nov 2024*
  Data Science Intern — Remote
  - Engaged in cutting-edge projects involving machine learning and data analysis, contributing to real-world problem-solving.
  - Collaborated with a team to develop and optimize algorithms, enhancing model accuracy by 15%.
  - Gained hands-on experience with emerging technologies and best practices in data science.

EDUCATION

- **CV RAMAN COLLEGE OF ENGINEERING** — *Oct 2022 - Jun 2026*
  B.TECH || CSE in ARTIFICIAL INTELLIGENCE AND DATA SCIENCE — Bhubneshwar, Odisha
- **VIDYA BHARATI CHINMAYA VIDYALAYA** — *Jul 2022*
  Intermediate, PCM — Jamshedpur, Jharkhand
- **VIDYA BHARATI CHINMAYA VIDYALAYA** — *Jun 2020*
  Matriculation — Jamshedpur, Jharkhand

SKILLS

- **Programming Languages:** C++, C, Java, Python
- **Web Technologies:** HTML, CSS, JavaScript, NodeJS, React
- **Database Systems:** MySQL
- **Computer Fundamentals:** Database Management System (DBMS), Operating System (OS), Computer Networks, Machine Learning, Data Structures and Algorithm
- **Relevant Coursework:** Artificial Intelligence, Machine Learning, Data Science

PERSONAL PROJECTS

Chess AI

- A simple chess algorithm with alpha-beta pruning and board evaluation with piece-square tables.
- Leveraged jQuery to enhance UI/UX, improving user engagement.
- Optimized the Minimax algorithm with Alpha-Beta pruning, reducing computational time by 30%.
- Implemented advanced heuristics such as opening book strategies and endgame tablebases.
- Integrated a responsive design using CSS media queries, ensuring optimal gameplay experience across devices.

PropertEase

- A full-stack web application for seamless property transactions.
- Developed using HTML, CSS, JavaScript, NodeJS, and MySQL.
- Implemented user authentication and an interactive appointment booking system.
- Designed a robust database to manage user and property listings.

PERSONAL ACHIEVEMENTS

- **Smart India Hackathon 2023 and 2024**: Secured Top 25 positions out of 100+ competing teams, showcasing problem-solving skills and teamwork in a high-pressure environment.
- **University of Toronto Certification**: Completed the advanced course on "State Estimation and Localization for Self-Driving Cars," mastering Kalman filters and sensor fusion techniques.
- **LearnTube.ai**: Earned distinction in the "Introduction to Python" course, demonstrating proficiency in Python programming and algorithmic thinking.
- **Cisco Certified**: Achieved certification in "Introduction to Cybersecurity," gaining foundational knowledge in network security and threat mitigation.
- **Academic Excellence**: Consistently ranked among the top 10% of students in the department for academic performance and project contributions.