

Atri Mondal

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SUMMARY

Passionate Software Engineer with hands-on experience in building scalable web applications using React.js, Node.js, and MongoDB. Strong understanding of system design, algorithms, and databases (SQL, MySQL, MongoDB) with the ability to develop both front-end and back-end solutions.

TECHNICAL SKILLS

- **Programming:** Java, Python, C++, JavaScript
- **Web:** HTML, CSS, React.js, Node.js, Express.js
- **Database:** MySQL, MongoDB
- **Tools:** GitHub, VS Code, Jupyter
- **Concepts:** DSA, OOP, DBMS, OS, Networks

PROJECTS

1. Kolmogorov–Arnold Networks (KAN) Web Application July 2025 - Sep 2025

- **Technologies:** Python, Streamlit, Flask.
- **Description:**
 - Designed and implemented a Kolmogorov–Arnold Network (KAN) from scratch in Python.
 - Built an interactive web interface using Streamlit for real-time input and output visualization.
 - Demonstrated deep understanding of neural network architectures, function approximation, and model deployment.

2. Classical Game Collection July 2024 - Aug 2024

- **Technologies:** HTML, CSS, JavaScript.
- **Description:** Created a web-based collection of classic games like Tic-Tac-Toe and Snake. Focused on gameplay mechanics and responsive design.

EDUCATION

Master of Computer Applications (MCA) Heritage Institute of Technology, Kolkata	Oct 2024 - Present CGPA - 9.34
Bachelor of Science in Computer Science (B.Sc) Panskura Banamali College , Medinipur	Oct 2021 - June 2024 CGPA - 8.33

CERTIFICATE

- Python Programming – HackerRank, 2024
- SQL (Intermediate) – HackerRank, 2024

HOBBIES & INTERESTS

- **Playing Chess** – Enhances strategic thinking and concentration
- **Competitive Programming** – Sharpens logic and problem-solving skills