Adarsh Kanungo

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EDUCATION

Vellore Institute of Technology, Bhopal, MP — August 2021 - July 2025
Bachelor of Technology in Computer Science Engineering — *GPA: 9.02*

Sarafa Vidya Niketan, Indore, MP — May 2020 - July 2021
Class XII (Higher Secondary Education) — *Percentage: 93.4*

Sarafa Vidya Niketan, Indore, MP — April 2018 - June 2019
Class X (Secondary Education) — *Percentage: 92.0*

SKILLS SUMMARY

Languages:	Python, C++, HTML/CSS
Libraries:	NumPy, Pandas, Matplotlib
Frameworks:	Django, ReactJS
Database:	MySQL, SQLite3
Concepts:	OOPS, DBMS
Tools:	VSCode, Jupyter Notebook
Soft Skills:	Time Management, Teamwork

PROJECTS

BarCost | *Python, Django, ReactJS, HTML/CSS, SQLite3* — *November 2023 - March 2024*

- Built a robust backend using Django and Requests, automating the scraping and management of pricing data from different sources, improving data accuracy and efficiency .
- Designed and implemented data scraping techniques to collect pricing information for over 5,000 products, updating prices every 6 hours to ensure real-time data accuracy.
- Developed an automated system with Requests, Celery, and Redis to process price updates every 6 hours, increasing system efficiency and user engagement.
- Integrated ReactJS with Django, creating an intuitive user interface, which increased user engagement and helped users track pricing trends more effectively.

Chess AI | *Python, Pygame* — *October 2022 - February 2023*

- Developed a feature-rich chess game with a graphical interface using Pygame, including advanced chess mechanics like en passant, pawn promotion, and castling.
- Implemented an AI opponent using the Negamax algorithm with Alpha-Beta pruning, allowing the AI to calculate optimal moves up to a configurable depth.
- Integrated robust game state checks for key conditions like checkmate, stalemate, illegal moves, and turn validation to ensure smooth, rule-based, and fair gameplay.
- Enhanced game logic and AI performance, balancing computational efficiency with strategic depth by fine-tuning the AI depth setting.

CERTIFICATIONS

- **AWS Certified Cloud Practitioner**: Gained foundational knowledge of AWS cloud services and deployment.
- **Applied Machine Learning in Python**: Learned predictive modeling and data analysis with Python.
- **Salesforce Developer Virtual Internship**: Hands-on experience in Apex, process automation, LWC, and security. Completed Super Badges to apply concepts in real-world scenarios.

EXTRACURRICULAR ACTIVITIES

- **Anime Club**: Contributed to discussions with 30+ members, organized 5 events, and explored anime's cultural impact and storytelling techniques.
- **Cricket Team Member**: Played 10 matches in a successful season, improving teamwork and strategic skills through regular practice and competition.

HOBBIES AND LANGUAGES

- **Hobbies**: Playing Cricket and Kabaddi, Watching anime
- **Languages**: English and Hindi