

Chaitra Vemulapati

Aspiring Software Developer | Python, Data Science

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📍 Hyderabad

🌐 www.linkedin.com/in/chaitra-Ov2605

TECHNICAL SKILLS

- Programming Languages: C++, Java, Python
- Databases: SQL
- Data Science: Pandas, NumPy, Seaborn, Matplotlib
- Web Development: HTML, CSS, PHP
- Operating Systems: Windows

CERTIFICATIONS

- UX Design Fundamentals issued by IBM SkillsBuild
- Applied DataScience with Python from IBM SkillsBuild

EDUCATION

Bachelors in Computer Applications ; 9.0 CGPA (Pursuing)

Sep 2022 - Jun 2025

Pinnacle Degree College, aff.to Osmania University, Hyderabad

Intermediate in PCB ; 9.2 CGPA

Aug 2019 - May 2021

Sri Chaitanya Junior College, Madeenaguda, Hyderabad

SSC ; 9.5 CGPA

Aug 2009- Jun 2019

St. Arnold's High School, Ramachandra Puram, Hyderabad

PROJECTS

Project Title :Brick Breaker Game

- Developed a classic block breaker game using Python and pygame.
- Designed and programmed collision detection for the ball, bricks, and paddle.
- Developed a responsive paddle controlled by arrow keys and implemented smooth movement.
- Handled game states (start, win, lose) with UI messages and event-driven interactions.
- Optimized game loop for 60 FPS performance and added a restart functionality.

Project Title : Indian Startup Funding Analysis

Tools & Skills Used: Python (Pandas, NumPy, Matplotlib, Seaborn), Jupyter Notebook

- Cleaned & processed a dataset with 3000+ records fixing inconsistencies and missing values.
- Analyzed funding trends across 100+ sectors, identifying the most funded industries.
- Visualized insights using charts to track investment patterns over time.
- Identified top investors contributing to 80%+ of total funding in the dataset.
- Designed interactive visualizations using Matplotlib & Seaborn.