PARTH SACHDEVA

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EDUCATION

MANIPAL UNIVERSITY JAIPUR — **JAIPUR, INDIA**
Bachelor of Technology (Honors)in Computer Science — AUG. 2022 – PRESENT
- Gained familiarity with DBMS principles.
- Applied knowledge in OOPs and Data Structures
- Hands-on experience with web technologies

K.R MANGALAM WORLD SCHOOL — **GURGAON, INDIA**
AISSCE, Mathematics and Computer science — MAR. 2019 – JUNE 2022
- Successfully participated in the AI for Youth Program, enhancing skills in artificial intelligence.
- Completed the AI for Youth Program and developed Pricey, an AI-enabled chatbot providing current market prices of groceries in India.
- Studied Python programming language and gained proficiency in computer science concepts.

FULL TIME WORK EXPERIENCE

KNOWLEDGE SPATIAL — **GURGAON, INDIA**
Software Development Intern — MAY 2024 – AUG. 2024
- **Automated Data Processing**: Developed Python scripts to process and convert geospatial files into optimized formats, improving data pipeline efficiency
- **Real-time System Integration**: Implemented map synchronization using OpenLayers for multi-view applications with PostgreSQL backend
- **Database Architecture**: Created robust data logging systems ensuring real-time data integrity and system reliability.

RIGHTCHOICE.AI — **GURGAON, INDIA**
Product Intern — JUNE 2023 – AUG. 2023
- **Product Enhancement**: Collaborated with cross-functional teams to improve Local Keywords Finder tool based on user feedback analysis.
- **User Experience Focus**: Supported development of tools for managing local online presence through iterative product improvements.

PROJECTS

ANONSHARE — **JAIPUR, INDIA**
OCT. 2024 – NOV. 2024
- **Product Leadership**: Led end-to-end development of anonymous file sharing platform with time-limited access and QR code functionality.
- **System Architecture**: Implemented Redis for session management and MongoDB for temporary storage.
- **Feature Innovation**: Developing LocShare for secure peer-to-peer local network transfers with password protection.

LETSTALK — **JAIPUR, INDIA**
MARCH. 2025 – PRESENT
- **Co-developing Python library to simplify LLM integration for NPCs with context-aware responses**.
- **RAG Implementation**: Building retrieval-augmented generation system for NPCs to access and utilize in-game context (past events, world state).
- **AI Agent Behavior**: Designing intelligent NPC interactions with memory and contextual understanding

SKILLS

- **Languages:** Python, PostgreSQL, JavaScript, HTML/CSS
- **Developer Tools:** Git, VS Code, Postman, Docker Desktop, MongoDb, Replit, V0, Cursor, Windsurf, Trae
- **Familiarity with** PostGIS, Redis, MongoDb, Trello, Node.js, Next.js, React, Express.js, Flask, FastAPI, HuggingFace, Notion, Jira, prompt engineering, Figma
- English, Hindi