

Harshit Jaiswal

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EDUCATION

IIIT Naya Raipur

Bachelor of Technology in Computer Science

CGPA: 8.57

Naya Raipur, Chhattisgarh

2022 – Present

Delhi Public School

CBSE 12th - 94.00%

Bhilai, Chhattisgarh

2022

Relevant Courses

DSA, AIML, Operating Systems, DBMS, OOPS

PROJECTS

XenoAI | Unreal Engine 5, C++, Blueprint

June 2023 | [github](#)

A game made in Unreal Engine 5 to showcase AI uses in modern games.

- Player is chased in a handcrafted level inspired by liminal spaces
- Uses Decision Tree and various AI perceptions to track down the player
- Player is chased in a level inspired by liminal spaces

Asset Manager for Godot | C#, Godot, GDscript, Git

December 2023 | [github](#)

Plugin developed for Godot using C#

- Streamlines the acquisition and management of assets
- Uses web scraping tool Selenium download game assets from itch.io
- Assets can be filtered through search bar
- Reduces time consumed for asset acquisition by 40%

Smart Crib | IOT, Raspberry Pi, Python

May 2023

An IOT device that monitors baby's behaviour using RaspberryPi 3

- Uses CV algorithm to detect if the baby is present in cradle/crib
- Uses different sensors like DHT11, MPU9050 etc to detect different baby states like normal, crying, restless, bed wetting
- Provides parents with email alert if the baby is in discomfort

Finance Tracker (WIP) | Python, JavaScript, MongoDB, React, ExpressJS

January 2024

A web app to track daily expense using Python

- Uses IMAP to read transactions alerts from email
- Provides weekly analysis of expenses and sends email alert if expenses crosses weekly limit

OTHER CONTRIBUTIONS

Fresh Nest | Flutter, DART, Android Studio

[github](#)

- Created splash screen for FreshNest App

TECHNICAL SKILLS

Languages: C, C++, Python, Rust, C#, DART

Tools: SQL, BASH, Numpy, Pandas, Scikit-learn, Make, CMake, Flutter, Android Studio

Technologies: GNU/Linux, Git, Github, vim, RaspberryPi, Unreal Engine 5, Godot

INTERESTS

Hobbies: Gaming, Movies, Music, Geopolitics/Politics

Languages: Hindi, English