







Herschel Pawar

 pawarherschel |  +91 83107 83472 |  pawarherschel@sakurakat.systems |
 pawarherschel |  sakurakat.systems |  0009-0003-3218-801X



Enthusiastic learner, curious about everything.

Looking forward to work on projects that make a difference

Education



Bachelors of Engineering in Information Technology

University of Mumbai

2020 - 2024

MGM College of Engineering and Technology, Kamothe, Navi Mumbai, India



Higher Secondary School Certificate

Central Board of Secondary Education

2018 - 2020

Greenfingers Global School, Kharghar, Navi Mumbai, India



Secondary School Certificate

Indian Certificate of Secondary Education

2008 - 2018

Sanjivani International School, Kharghar, Navi Mumbai, India

Projects & Associations

VRCX Insights

Personal Project

2023 - Present

 pawarherschel/vrcx-insights

- A simple program to find out the various friend circles which might exist via the data collected by VRCX
- Written in Rust, it uses the SQLite database created by VRCX to find out the friend circles

Rust SQLite SQLx tokio

Booth Archiver

Personal Project

2023 - Present

 pawarherschel/booth_archiver

- A simple CLI tool to archive the contents of your booth wishlist
- Written in Rust, it scrapes the Booth website and downloads images for each item
- It then converts the data into an Excel spreadsheet and writes markdown files for each item

Rust Rayon ureq Web Scraping Excel

Tachiyomi Backup to AniList

Personal Project

2024 - Present

 pawarherschel/tachiyomi-backup-to-anilist

- A simple CLI tool to sync manga from Tachiyomi backup to AniList
- Tachiyomi's backup is a gzipped protobuf file, this tool reads the file and syncs the manga to AniList

Rust prost

Stock Crasher

Personal Project

2023

 SakuraKat/stock-crasher

- A silly cli tool to show the current price of a stock in VRChat using OSC
- It gets the stock price from Yahoo Finance and sends it to VRChat via the OSC protocol

python OSC

Cosmos Conquerors (GMTK2023)

GMTK2023 Game Jam

2023

 pawarherschel/GMTK2023

- A game made for the GMTK Game Jam 2023, the theme was 'Roles Reverse'.
- This is a simple game where the roles from the game Space Invaders are reversed.
- Available on itch.io (<https://pawarherschel.itch.io/cosmos-conquerors>)

Godot GDScript

Various Simple Games made in Godot

Personal Projects

2021

 SakuraKat

- Various simple games made in Godot as Proof of Concepts
- Jump Cat, Meme Invaders, Maze Generation, Pop The Lock, Magical Marshmellow, Game Of Life, Minesweeper, Pong, Snake

Godot GDScript

Publications

Social Circle Mining in VRChat Through Activity Frequencies Using Fuzzy DBSCAN

(ongoing)

2023 - Present

 pawarherschel/vrcx-insights

- Ongoing research project to find out the various friend circles which might exist via the data collected by VRCX
- Uses Fuzzy DBSCAN to cluster users based on their activity frequencies

Skills

Languages	English Hindi Marathi
Projects	Rust GDScript
Libraries	prost Clap Rayon ureq SQLx tokio
Personal Interests	Manga & Scanlation VRChat Game Development
Software Tools	Git Photoshop Godot Microsoft Word
Knowledge Areas	Docker Cloudflare Ansible Linux Power Automate Web Scraping