# Herschel **Pawar**

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*Enthusiastic learner, curious about everything. Looking forward to work on projects that make a difference.*

## Education

**Bachelors of Engineering in Information Technology** — *2020 - 2024*
UNIVERSITY OF MUMBAI — *MGM College of Engineering and Technology, Kamothe, Navi Mumbai, India*

**Higher Secondary School Certificate** — *2018 - 2020*
CENTRAL BOARD OF SECONDARY EDUCATION — *Greenfingers Global School, Kharghar, Navi Mumbai, India*

**Secondary School Certificate** — *2008 - 2018*
INDIAN CERTIFICATE OF SECONDARY EDUCATION — *Sanjivani International School, Kharghar, Navi Mumbai, India*

## Professional Experience

**Deployment Head** — *2023 - 2024*
SHAN: SHIFT HANDOVER APPLICATION FOR NURSES — *MGM's College of Engineering, Kamothe, Navi Mumbai*

- Deployed the website for a collaborative project between the engineering college undergrad students and the medical college student
- The website was created using MERN Stack. Frontend was deployed on Cloudflare Pages and the Backend was deployed on Cyclic

**Chairman** — *2024*
MGMCET's IEEE STUDENT BRANCH — *MGM's College of Engineering, Kamothe, Navi Mumbai*

## Projects & Associations

**Booth Archiver** — *2024 - Present*
PERSONAL PROJECT — *https://github.com/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

**SQLx VRChat SQLite Test** — *2024*
PERSONAL PROJECT — *https://github.com/pawarherschel/sqlx-vrchat-sqlite-test*

- A simple test project to test out the SQLx crate for Rust
- Uses VRCX's SQLite database for testing

**SakuraKat Systems** — *2024 - Present*
SAKURAKAT SYSTEMS — *https://sakurakat.systems/*

- A small website to host my projects and other things
- Written in HTML, CSS, and JavaScript using Astro Framework
- Automatic deployment using Cloudflare Pages

**Stock Crasher** — *2024*
PERSONAL PROJECT — *https://github.com/SakuraKat/stock-crasher*

- A silly cli tool to show the current price of a stock in VRChat using OSC
- Get stock price from Yahoo Finance
- Send OSC message to VRChat

**Cosmos Conquerors (GMTK2023)** — *2024*
GMTK2023 GAME JAM — *https://github.com/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)

## Skills

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| **Languages** | English \| Hindi \| Marathi |
| **Project** | Rust \| SQL \| Python \| GDScript |
| **Libraries** | Clap (Rust) \| Rayon (Rust) \| ureq (Rust) \| SQLx (Rust) \| SurrealDB (Rust) \| python-osc (Python) |
| **Personal Interests** | Manga & Scanlation \| VRChat \| Game Development |
| **Software Tools** | Git \| Photoshop \| Godot \| Microsoft Word |
| **Knowledge Areas** | Docker \| Cloudflare \| Ansible \| Linux \| Power Automate |