Yash Patil

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BUDDING ENGINEER

Hello! My name is Yash Patil and I am a teenager with a **passion** for **technology, programming, hacking, and development**. My interest in technology began at the age of 9, when I received my first Android phone. Since then, I have become a fan of **Debian-based operating systems** and **Android**. I started from the basics and have come a long way in my learning journey, but I know there is still much more to discover. And I am eager to **kickstart** my **tech journey**…

TECHNICAL SKILLS

Languages	:	Python, C, HTML, CSS, JavaScript, bash, Linux/Unix
Frameworks	:	FastAPI, Telethon, Docker
Dev Tools	:	Visual Studio Code, Git, Github/GitLab, Cloud Computing, CI/CD, GitHub Actions, Automation

EDUCATION

University of Mumbai   Thane, Maharashtra, India
Bachelor of Engineering in Information Technology   *KC College, Thane*
Jan 2022 – Present

PROJECTS

Digital diary   *Python, Linux, GnuPG, Git*   Source Code

- Developed a CLI-Based diary which for writing personal stuff on
- Used GnuPG Public key encryption for encrypting
- Automatic git pull and push to upload diary on git and sync across devices
- Used json to configure the diary

MoodFlip Chocolates   *HTML, CSS, JavaScript, Github Pages*   Source Code

- Developed clean and modern website from scratch according to design provided by client
- Optimized website for **speed and user experience**
- Utilized **responsive design** to ensure compatibility across all devices
- Developed **backend** and **API** for sending form submissions to **Telegram Bot**
- Deployed on GitHub pages via GitHub Actions

DerpFest OS - Maintainership   *Bash, Linux, CI/CD, Automation, Cloud Computing*   Source Code

- **Developed and maintained** Android Open-Source Distribution: DerpFest OS for Redmi 6 Pro
- Used **Cloud Computing** (GCloud, AWS) and remote server access using **SSH** to build android from source code
- Used **bash** scripting to automate building and deploying via CI/CD
- Maintained device tree sources for Redmi 6 Pro, including **testing, bug fixing and security practices**

Other Projects:

- Cosmic Userbot for Telegram
- CLI-Based Assistant using Speech to text
- Typing Testing app in CLI, made with Python Curses Library

CERTIFICATIONS

- HTML/CSS Course Completion from onemonth.com
- Python Core course completion from SoloLearn
- Hands On Web Development Workshop, KC College