KARAN DUBEY

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# Education

**Cornell university**  *Ithaca, New York*

*Bachelor of computer science Nov 2021 – July 2025*

# Experience

**Open Source Developer** Jun 2020 - Apr 2023

*SYNX Remote*

* **Developed** and maintained official website, attracting **5K+ unique monthly visitors**
* Managed releases and internal testing, contributing to app’s growth to **3M+ downloads** in 3 years
* **Automated** app translations using **Crowdin** workflow, reducing translation time by **50%**
* Aspiring **Software Engineer** with experience in full-stack development and machine learning projects

**Open Source Developer** Dec 2019 - Jan 2020

*Google Code-In Remote*

* Contributed to **OpenWISP’s modernization** by updating dependencies, adding **Django 3.0 support**, and improving error handling
* Enhanced project accessibility through **documentation improvements**, supporting the onboarding of new contributors
* Organisation Google

# Projects

**Flicker** *| Django, HTMX, Tailwind* [Link](https://github.com/Daksh777/FlickPic)

* Developed **Django**-based Flickr content sharing platform using **HTMX** for dynamic interactions
* Implemented **user authentication**, **social features**, and **BeautifulSoup web crawler**
* Utilized Django’s **ORM** for efficient **database management** and **query optimization**

**BIRTHDAY REMINEDER** *| Tensorflow, Flask, Keras, OpenCV* [Link](https://github.com/Daksh777/COVID-Tools)

* Created computer vision model using **TensorFlow**, **Keras**, and **OpenCV** for **mask detection**
* Implemented **heart rate monitoring** using **Eulerian video magnification** algorithm
* Deployed **Flask** web application to showcase ML-powered COVID-19 tools

**Craftify** *| JavaScript, HTML, CSS* [Link](https://github.com/Daksh777/TakeABreak)

* Developed **JavaScript**-based productivity website attracting **600-700 monthly unique visitors**
* Implemented **custom website blocking** and **timer features** to combat procrastination
* Deployed and optimized site performance using **Cloudflare CDN**, reducing load times by **60%** for global users

# Technical Skills

**Backend Development**: Django, Flask, HTMX, BeautifulSoup, Selenium **Frontend Development**: JavaScript, Bootstrap, Tailwind CSS, HTML5, CSS3 **Others**: PyTest, Ollama, Tensorflow, OpenCV, Keras,, Figma , problem solving

# Volunteering / Extracurricular

* Organizer of **CodeNewyork** - Newyork’s Python Community with **15K+ members** Hackathon Winner
* Organized **CodeDay NewYork** - **NewYork** largest hackathon for high-school students, with **100+ attendees**
* Volunteering for DDFfor 2+ years
* Part of **GitHub Campus Expert** program