

Sandarva Paudel

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Objective

Want to create something useful for massive number of people.



Technical Skills

-Languages:

- Python
- Javascript
- C
- C++
- HTML
- CSS

-Tools and Frameworks:

- Django
- Bootstrap
- Redis
- PostgreSQL
- SQLite
- Django Channels
- FFmpeg
- JQuery
- Tkinter

Experience:

-Manager Assistant at Siddhartha Corporate(3 months)[2019 may-july]:

- Stepped in for the ailing regular manager in a rural setting to manage customer accounts and handle financial transactions online.

-Translator/Supervisor at Local Hatchery(2 months)[2019 oct-Nov]:

- Coordinated between a foreign engineer and local laborers for renovation projects in a factory, bridging language gaps and supervising works.

-Participant in Nepal's Military Technology Program[2020, Feb-March]:

- Collaboratively designed a specialized drone equipped with tear gas deployment, rope handling systems, and thermal sensors. Although the program was canceled due to the pandemic and lockdown, the experience was invaluable.

Education:

- **Oxford College Of Engineering And Management:** High School [July 2019 - Dec 2021]
- **Nepal College of Information Technology[2023-2027]:** Bachelor's of Software Engineering

Projects

1)BoardSphere:

- Purpose: Real-time group chat application with topic-based boards.
- Technologies: Python, Javascript, Django, PostgreSQL, Redis, Websockets, Django-Channels

-Github: <https://github.com/sandarva3/BoardSphere>

2)Project Pencil:

- Purpose: Utility tool for file conversion, image compression, and YouTube video/audio downloading.
- Technologies: Python, Django, BeautifulSoup, FFmpeg, PyMuPDF, yt-dlp, AJAX

-Github: <https://github.com/sandarva3/project-Pencil>

3)Ecom:

- Purpose: E-commerce platform offering account-less ordering with quick form-based checkout.
- Technologies: Python, Javascript, Django, Bootstrap, Pillow, AJAX

-Github: <https://github.com/sandarva3/Ecom>

4)Cash-Flow Monitor:

- Purpose: Personal financial tracking tool.
- Technologies: Python, Javascript, Django, Django REST Framework, Django-Allauth

-Github: <https://github.com/sandarva3/Blog-Site>

5)Blog Site:

- Purpose: A blog site with user authentication and image upload & editing features.
- Technologies: Python, Javascript, Django, Bootstrap, Unicorn, Pillow

-Github: <https://github.com/sandarva3/Blog-Site>

6)Epro:

- Purpose: Inspired by WWII's Enigma code, Epro encrypts and decrypts text.
- Technologies: Python, Django

-Github: <https://github.com/sandarva3/Epro>

7)Chat:

- Real-time Chat system program on local network built using C language.
- Implemented: Sockets and Winsock API, I/O Multiplexing, Concurrency with Multithreading

-Github: <https://github.com/sandarva3/chat>