

Sumit Dadwal

Looking forward to working in a growing and technology driven organization that will utilize and enhance my knowledge in software development, and that will provide me with essential growth opportunities.

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PROJECT EXPERIENCE

Social Media API – Developer

November 2021

- Developed a Social Media type API system using Python, FastAPI, PostgreSQL, SQLAlchemy, Alembic, etc.
- Implemented Object Oriented Programming.
- Built APIs to perform actions like sign-up, log-in, post, get posts, get users, etc.
- Built a system that encrypts all the user passwords before saving them in the PostgreSQL database.
- Hosted the app using Digital Ocean.
- **Github Repo:** <https://github.com/sumitdadwal/fastapi-project>
- **URL:** <https://www.sumitsproject.com>

Computer Builder App – Developer

October 2021

- Developed a Computer Builder app using technologies like Python and BeautifulSoup
- App helps users find the best and cheapest computer products without opening their browsers.
- Built a program that scrapes data from newegg.com on the basis of the user's search and arranges them from cheapest to the most expensive options.
- The program provides data like the name of the product, price and its link.
- **Github Repo:** <https://github.com/sumitdadwal/Computer-Builder>

Security Cam App – Developer

October 2021

- Developed Security Cam App using technologies like Python and OpenCV.
- The program allows any cameras attached to the computer to detect human face and body and starts recording as soon as they enter the frame, once the face leaves the frame the cameras stops recording.
- **Github Repo:** <https://github.com/sumitdadwal/security-cam>

Video Collections Platform – Developer

August 2021

- Developed Video Collection Platform using Python, Django Framework, Javascript, AJAX and YouTube API.
- Implemented Object Oriented Programming.
- Built features like sign-up, login-in and create, edit and delete collections.
- The website allows users to edit and delete their existing videos but also restricts them to play with collections created by other users.
- **GitHub Repo:** <https://github.com/sumitdadwal/videocollections>
- **Demo:** <https://www.linkedin.com/feed/update/urn:li:activity:6853308068122382336>

Portfolio Website – Developer

September 2021

- Developed a Portfolio website using Python, Django, Javascript, HTML, CSS,
- Implemented Object Oriented Programming.
- The website helps showcase users skillset.
- The website also contains a blog section where not only the owner but the users can also publish posts by creating an account on the website.

SKILLS

- Expertise with Python.
- Expertise with relational databases such as PostgreSQL and MySQL.
- Understands backend development patterns.
- Time management.
- Collaboration & team skills.
- Ability to adapt quickly to different systems in a dynamic environment.
- Strong Interpersonal and Communication Skills.

LANGUAGES AND FRAMEWORKS

- Python Programming Language
- Django Framework
- Flask
- FastAPI
- SQL
- HTML5
- CSS
- Django Framework
- FastAPI
- OpenCV

TOOLS

- Microsoft SQL Server
- Oracle
- Azure DevOps
- PostgreSQL
- MySQL
- Git and GitHub
- Docker
- SQLAlchemy
- Travis-CI
- Git Action

EDUCATION

- **Biotechnology Technician, College Diploma,**
Loyalist College, Belleville, ON

CERTIFICATIONS

- **Python – The Practical Guide** / Udemy
- **Mastering Django** / Udemy
- **Python Beginner, Intermediate and Object Oriented Programming** /

- **Data Structures and Algorithms / MIT**
OpenCourseware

JOB EXPERIENCE:

Circle K – Store Manager:

March 2021 – November 2021

- Processed payments.
- Helped customers with different products and deals.
- Checked IDs for restricted products.
- Prepared schedules for other employees.
- Prepared orders and deliveries for out of stock items.

Paragon Security(WaterPark Place Toronto) – Security Professional

November 2019 – February 2021

- Monitored cameras to make sure of the security of different parts of the building.
- Patrolled different parts of the complex on foot.
- Escorted trespassers off the property.
- Helped contractors sign in by checking their schedule and permits.
- Monitored fire stations to make sure all the floors are secure and safe.

Gaylea Foods – Production Associate

July 2019 – November 2021

- Operated different production machines.
- Monitored packaging process.
- Collected samples for quality control.
- Performed all the duties with safe and healthy practices.
- Maintained a clean and healthy environment for food production.