

# Bigyapti Bashyal

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🔗 <https://github.com/bigyapti>

🖱 <https://bigyaptibashyal.vercel.app>

📅 Oct 22, 2000

📍 Kathmandu, Nepal

## EDUCATION

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### Bachelor of Computer Engineering

*Institute of Engineering, Pulchowk Campus*

Nov 2019 – present

Lalitpur, Nepal

## PROFESSIONAL EXPERIENCE

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### Data Specialist

*Cloudfactory*

Jul 2021 – Dec 2023

Lalitpur, Nepal

Worked with various data annotation tools such as the CVAT tool.

Introduced to web research and post scraping.

Collaborated, communicated and performed tasks with team members.

## PROJECTS

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### CV Analyzer

The CV Analyzer employs NLP and ML for resume analysis, providing insights, predicting job sectors, and enabling efficient recruitment. Implemented with Flask, MongoDB, and Bootstrap for backend, database, and frontend, respectively.

### NLPR

The Helmet and License Plate Detection System uses YOLOv8 and OpenCV for real-time identification of helmets and Nepali license plates, enhancing safety and compliance measures.

### GarbageCollectorAI

The GarbageCollectorAI employs Deep Q-Learning and trains an AI agent for efficient garbage collection in a digital environment.

### Vatsala Devi

This project creates a realistic 3D model of Vatsala Devi Temple using computer graphics tools, including Blender, OpenGL, GLFW, GLAD, and GLSL, incorporating advanced techniques such as texture mapping, lighting, and shaders.

### Expense Tracker

The Expense Tracker Django project integrates an Admin panel, Ajax search, PostgreSQL database, mail server registration, and utilizes Chart.js for visualizing expenses and income.

### StarWars

StarWars implements object-oriented programming in C++ with SFML for game development, featuring spaceship piloting, asteroid shooting, player controls, collisions, scoring, and lives.

### Pathfinder


Pathfinder generates random maze using DFS and solves the generated maze using A\* search algorithm.

### Portfolio Website

Portfolio website built using Next.js and Tailwind CSS.

## CERTIFICATES

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• Machine Learning with Python 

• Data Analysis with Python 

**TECHNICAL SKILLS**

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HTML, CSS, JavaScript	Python
Git, GitHub	React.js
Tensorflow	SQL
Node.js	PyTorch
Matplotlib	NumPy
Django	Flask
Next.js	MongoDB
Seaborn	

**SOFT SKILLS**

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English Language Proficiency	Communication Skills
Content Writing	Presentation Skills
Problem Solving	