

Prashant Dhoju

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Bhaktapur, Suryabinayak

Career Objective

As an enthusiastic Computer Science undergraduate specializing in Artificial Intelligence, I aim to apply my technical expertise and creativity to develop innovative AI-driven solutions. My goal is to contribute to projects that bridge the gap between theory and practice, enabling businesses and communities to harness the power of intelligent systems.

EDUCATION

Sunway College Kathmandu <i>BSc(Hons) Computer Science with Artificial Intelligence</i>	2023 – Present
Khwopa Secondary School <i>Computer Science (Physical); Percentage: 74.75%</i>	2021 – 2023

SKILLS

- **Programming skills:** Python, Java(basics), HTML/CSS/JS
- **Databases:** Redis, MySQL
- **Libraries/Tools:** Django, Numpy, Pandas, Scikit-learn, Matplotlib
- **Developer Tools:** Git, Docker, VS Code, Jupyter Notebook, Linux

EXPERIENCE

OrderQ - QA (intern)	3 months
– Automated web application testing using Python and Selenium, improving test coverage and reducing manual testing effort.	

PROJECTS

Movie Recommendation System	GitHub
– Built a content-based movie recommendation engine using Django for the web interface and FAISS for efficient similarity search, leveraging embeddings from movie metadata to deliver accurate suggestions.	
Flight Booking System	GitHub
– Developed a basic flight booking system using Java and JavaFX, allowing users to book and manage flights through a graphical interface.	
Small GUI applications	GitHub
– Tic-Tac-Toe – Created an interactive Python PyQt game, implementing game logic and storing game statistics in MySQL.	

- **Bank Management System** – Developed a Python GUI application using PyQt and MySQL backend to manage accounts, deposits, withdrawals, and balance tracking.

Web-Based Banking Application with Machine Learning

GitHub

- Developed a web-based banking system with user registration, profile management, fund transfers, and transaction history.
- Integrated a loan approval system using a machine learning model deployed via Flask.
- Implemented secure password recovery and OTP verification.

Achievements

- **Python Fundamentals Course**
Next Step Infotech

#NS106