



PRIYAM NASKAR

EDUCATION

Budge Budge Institute of Technology

- Bachelor of Technology in ECE, passed out on 2022

Welkin National School

- Pursued ICSE in 2016
- Pursued ISCE in 2018

EXPERIENCE

Software Engineer | Iotai Labs Pvt Ltd

Jan 3, 2024 – Feb 22, 2025

- Developed Android applications using Java
- Deployed and hosted web applications using Nginx
- Built IoT solutions with ESP32, connected via cloud server using Python socket programming
- Worked with cloud servers (Ubuntu, SUSE) and MySQL databases
- Integrated Git/GitHub for CI/CD
- Experience with TCP/IP and embedded systems

Executive, Innovation Cell | Ingreens, Kolkata

July 14, 2022 – Jan 2, 2024

- Worked on Python (Flask, OpenCV, NumPy, SciPy, Pandas, TensorFlow) in a Linux environment
- Developed web apps with HTML, CSS, JavaScript (Beginner level)
- Annotated and trained ML models for Early and Late Blight detection
- Built IoT solutions using Raspberry Pi and remote Linux servers
- Developed WordPress websites (localhost and cPanel), including payment integration
- Contributed to drone assembly and flight testing

Technical Skills

Programming & Scripting: Python, Bash

Web & App Development: Flask, HTML/CSS, JavaScript, Android (Java), WordPress

IoT & Embedded Systems: ESP32, Raspberry Pi, Arduino

Networking & System Administration:

Linux (Ubuntu, CentOS, RHEL), DNS, FTP, SSH, LDAP, NFS, NTP, Firewall, iptables, NIC management, Static IP

Cloud & Deployment:

Nginx, GitHub, Docker, Ansible, VirtualBox

Database:

MySQL, SQLite

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OBJECTIVE

Motivated and skilled IT professional with over 2 years of experience specializing in Python, Linux, and cloud-based solutions. Proficient in application development using Flask and OpenCV, managing Linux servers with Nginx, and deploying scalable solutions on AWS. Experienced in Android development and integrating technologies like YOLOv8. Seeking a challenging role in the IT industry to leverage technical expertise and drive innovative solutions.

COMMUNICATION

I can communicate in English, Hindi and Bengali

Certificate

- Complete Linux Trainig Courses from Udemy(Feb 2025-April 2025)
- Complete A.I. & Machine Learning, Data Science Bootcamp (March 2025- May 2025)
- The Complete Python Bootcamp From Zero to Hero in Python (April 2025-May 2025)
- English Module 1, at the Pre Intermediate level from British Council India (19/06/2018-08/08/2018)
- Done Internship at Flipkart(Instakart) from (23/09/2021-08/11/2021)
- Participate in Kshitij 2020 (17/01/2020-19/01/2020)
- Capacity Building Training Program on Rigid and Semi Rigid Packaging From IIP (12/01/2021-20/01/2021)

Courses:

Professional Linux Training

- Linux OS
- Linux System Adminstration
- Python
- AI/ML



<https://github.com/priyamnaskar36>

My Strength :

- Fast learner, adapts quickly to new technologies
- Reliable in delivering projects within deadlines

Area for Improvement

- Currently improving leadership and team management skills

Hobbies and Interests:

- Photography – develop creative and visual storytelling skills through urban and nature photography, proficient in using DSLR.
- Aquarium keeping – passionate about maintaining freshwater aquariums; enjoy learning about aquatic ecosystems and caring for tropical fish

Experience in Linux

- Install and Configure CentOS
- Password Management
- Create files and Directories at user and root level
- Linux file system management
- Create file and Directories
- Utilize Pipes to Management Output
- Utilize Ansible and Docker to deploy a software
- Log Monitor when system have issues
- Knowledge on Firewallld and iptables

Projects

Web Scraper & Dashboard for Job Listings

- Tech: Python, BeautifulSoup, Requests, Streamlit
- Built a scraper to extract remote job listings from Indeed and displayed results on a live dashboard.
- Added filters for keywords, location, and salary; data auto-refreshes using scheduled jobs.
- Deployed on Streamlit Cloud for demo.

GitHub:

https://github.com/priyamnaskar36/Web_Scrapper_Dashboard

Inventory Management System (Desktop App)

Tech: Python, Tkinter, SQLite

- Developed a GUI-based inventory manager with CRUD operations for small businesses.
- Tracks stock, purchases, sales, and generates low-stock alerts.
- Enabled CSV export and invoice generation.

GitHub:

https://github.com/priyamnaskar36/Inventorey_Management

AI Chatbot with OpenAI GPT API

Tech: Python, OpenAI API, Flask

- Created a conversational assistant that answers product FAQs and supports multi-turn dialogue.
- Integrated with a Flask web front-end and stored user sessions in memory.
- Custom-trained for specific domain topics.

GitHub: https://github.com/priyamnaskar36/Ai_Chatbot

ML-Based Housing Price Predictor

Tech: Python, Scikit-learn, Streamlit

- Built a regression model to predict housing prices based on size, location, and amenities.
- Included interactive widgets for user input and CSV upload for batch predictions.
- Deployed on Streamlit with real-time visualization of prediction results.

GitHub: <https://github.com/priyamnaskar36/ml-housing-prediction-app>