

Amit Pokhrel

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Career Objective

I am a passionate and creative individual with a strong interest in **backend web development, graphic design, photography, and social media management**. Currently pursuing a BSc (Hons) in Computing at **Itahari International College** (affiliated with London Metropolitan University, UK), I am focused on growing my skills in backend technologies like Django and Node.js. While I'm still building experience in web development, I bring over **2 years of hands-on experience** in **graphic design, video editing, and social media handling**. I aim to combine my technical learning with my creative strengths to contribute meaningfully to modern digital teams.

Education

BSc (Hons) Computing, <i>Itahari International College Affiliated with London Metropolitan University, UK</i> ✎	03/2024 – present
SLC (Grade 11–12), <i>Koteshwor Multiple Campus, Kathmandu</i> ✎	2021 – 2023
SEE (Grade 10), <i>Basanta Sadan Secondary English Boarding School, Basantapur, Tehrathum</i>	2021

Work Experience

Graphic Designer Videographer Editor Social Media Handler ✎ <ul style="list-style-type: none">Created marketing materials including posters, banners, and reels for campaigns.Managed official social media accounts (Facebook, Instagram, TikTok), improving audience reach and engagement.Captured and edited videos/photos for educational and promotional purposes.	present KIEC Itahari
Graphic Designer Videographer Editor <ul style="list-style-type: none">Designed digital content and edited videos for student success stories.Contributed to social content strategy and visual consistency.Worked closely with the counseling and marketing team to execute daily content delivery.	05/2023 – 10/2023 KIEC Avenue

Skills

Technical Skills:

- **Programming Languages:** Python, Java, JavaScript, HTML, CSS, C
- **Frameworks & Libraries:** Django (Learning), Flask, Java Servlet (JSP), Node.js, React
- **Creative Tools:** Adobe Photoshop, Canva, Figma
- **Development Tools:** GitHub, Postman, XAMPP, MySQL, VS Code, Eclipse
- **Operating Systems:** Windows, Linux

Soft Skills:

- Good Communication
- Time Management
- Teamwork
- Problem-Solving
- Willingness to Learn

Projects

Academic Projects

Appointment Booking System (Full Stack) [✍](#)

Technologies: Java Servlet, JSP, XAMPP, MySQL

UI/UX Design: Figma

Description: Full-stack appointment booking web system with admin/user roles. Backend in Java Servlet, frontend in JSP, and MySQL for data storage.

Features: Secure login, appointment request/approval, responsive frontend

Mental Health Care App [✍](#)

Technologies: Flutter, Node.js, MySQL

Description: Cross-platform mobile app for booking doctor appointments with secure login and role-based access.

Smart Waste Collection System (IOT + Cloud)

Technology: Arduino, ESP32, Python

Description: An IoT robot that detects trash using sensors and sends alerts to a cloud server. Tracks bin levels and routes in real time.

Store Management System (GUI) [✍](#)

Technology: Java, JavaFX/Swing, File Handling

Description: Stock management using object oriented concept.

Personal Projects

Online Pandit Booking Website [✍](#)

Frontend: HTML, CSS, JavaScript

Backend: Node.js (in progress)

Description: A website for booking Hindu priests (Pandits) for events like weddings, pujas, etc. Includes ceremony filtering and responsive UI.

Python Snake Game

Technology: Python, Pygame

Description: A classic Snake game. Controlled by keyboard with score tracking and increasing difficulty. Learned game loop, OOP, and collision detection.

Online Food Ordering & Delivery Web App [✍](#)

Technology: React.js, Node.js

Description: A food delivery website with real-time order tracking, cart, checkout, and user login.(In progress)

Smart Obstacles Detecting Vehicle (IOT + Robotics)

Technology: Arduino, ESP32, Ultrasonic Sensors

Description: A robot car that avoids obstacles using real-time sensor data. Has both auto and manual modes with LED indicators.

Autonomous Fire Extinguisher Robot (IOT)

Technology: Arduino, ESP32, IR Sensors

Description: A smart robot that detects fire and sprays water automatically. Sends alerts via WiFi and logs fire data to the cloud.

Brewandchew Cafe Website [✍](#)

Backend: Python Django

Frontend: HTML, CSS, JavaScript

Description: A complete café website built using Django. It includes menu pages, order forms, feedback, and contact sections. Data is stored in a Django database with dynamic content loading.

Training and Certifications

Introduction to Python [↗](#)

AWS Academy [↗](#)

AWS Academy Graduate - AWS Academy Machine Learning Foundations

AWS Academy Graduate - AWS Academy Cloud Foundations

AWS Academy Graduate - AWS Academy Machine Learning for Natural Language Processing

AWS Academy Graduate - AWS Academy Data Engineering

Achievements

Participant – ACES TechFest Hackathon, Purwanchal Engineering Campus, Dharan

Others

Languages: English, Nepali

Additional Information

Enthusiasm for web development

Eagerness to learn and grow

Django learning and project experience

UI/UX (Figma) skills

IT technician knowledge

Hardware-software integration, robotics, IoT, and cloud computing background

References

Nishesh Biswas,

Lecturer/Personal Academic Tutor/Career Development Learning Supervisor/Final Year Project Supervisor,

Itahari International College

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