

Pragyan Pandey

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EDUCATION

Bachelor in Computer Engineering

Purbanchal University, Biratnagar, Nepal

Graduated: Expected May 2026

Relevant Coursework: Computer Networks, Python for Analytics, Database Management, Internet of Things (IoT)

TECHNICAL SKILLS

- **Networking & Admin:** Active Directory, Windows Server, PowerShell, DNS, DHCP, TCP/IP, VPN
 - **Programming:** Python, C, C++, JavaScript, HTML/CSS
 - **Database:** MySQL, PostgreSQL
 - **Support Tools:** Remote Desktop, Microsoft Office, Slack,
 - **Soft Skills:** Communication, Documentation, Problem-Solving, Customer Service
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EXPERIENCE

2D Image Annotation

CloudFactory, Remote | August 2024 – January 2025

- Demonstrated high levels of personal responsibility.
 - Successfully annotated data for AI/ML model training with attention to detail and accuracy.
 - Collaborated with cross-functional remote teams to meet fast-paced project deadlines.
 - Identified complex data issues and provided actionable solutions.
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PROJECTS

ATM Simulation System (2022)

C++ | File Handling | Console Application

Built a console-based ATM simulation system using C++, supporting features like account creation, deposits, withdrawals, balance inquiry, PIN management, and admin operations. Incorporated file handling for persistent user and transaction data storage. Emphasized modularity, user authentication, OTP verification, and transaction security within a structured object-oriented design.

OTT Platform - Nepali Saga (2024)

Django | HTML/CSS | JavaScript | SQLite | Bootstrap

Developed a fully functional OTT (Over-The-Top) media streaming platform that allows users to browse, subscribe, and stream Movies and TV Shows. Implemented user authentication, subscription plans (Basic, Standard, Premium), and features like recently added content, subscription renewal, and upgrade/downgrade logic using Django (Python). Integrated dynamic front-end with HTML, CSS, JavaScript, and Bootstrap for responsive UI. Used PostgreSQL for relational data handling and optimized queries for performance.

Retail Analytics Dashboard Project (2024)

Python/Django | SQLite | HTML/CSS | Bootstrap | Tableau

Developed an interactive dashboard to analyze retail sales and uncover cost-saving opportunities. Cleaned and processed 10,000+ data rows using Python and SQL, and executed MySQL queries to extract key performance metrics. Integrated insights into a Tableau dashboard, revealing a 10% savings potential through regional trend analysis. Combined back-end data handling with a responsive front-end UI.