

# A b h i s h e k   K u s h w a h a

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## EXPERIENCE

<b>Python Instructor and Mentor</b>	Janakpur
Janakput Tech Bootcamp/ Neelgai	Oct, 2025 - Dec, 2025

## EDUCATION

<b>+2 Science</b>	Kathmandu
Viswa Niketan Secondary School	Jul, 2021 - Aug, 2023
3.60	
<b>Bachelors in Computer Science with AI</b>	Kathmandu
Softwarica College	Dec, 2024 - Present

## PROJECTS

### Yamdut – Ride Sharing Platform

- Developed a Java-based ride-sharing platform using JavaFX, MySQL, and MVC architecture with secure authentication and role-based dashboards.
- Implemented map-based ride tracking and optimized database operations for reliable performance.
- Served as Scrum Master, coordinating sprints, managing task flow, and ensuring smooth collaboration within the team.

### Portfolio

- Developed a full-stack personal portfolio website using React for the frontend and Django for the backend to manage dynamic content.
- Tech stack: HTML, CSS, JavaScript, React.js, Python, Django, Django REST Framework

<https://abhishek-kushwaha.com.np/>

### Image Classification

- Built CNN-based image classifier using TensorFlow/Keras achieving 95%+ accuracy on 25K+ cat/dog images, implemented data augmentation and deployed web app with Streamlit

### Med-ChatBot

- Developed a multilingual AI healthcare assistant (Nepali & English) with LLM + RAG for safe medical guidance and medicine reminders.
- Integrated NVIDIA AI avatar video calls with male/female voices, and chatbot automation using LangChain & Hugging Face.
- Ensured security & responsible AI with OTP, 2FA, hashed passwords, and verified medical data.

### Real Estate

- Designed dynamic property listing pages with search and filter functionality.
- Implemented role-based access control for agents and clients.
- Enabled property inquiries and favorites management for clients.
- Developed invoice and payment management with printable options.

### Web Scrapper

- Scraped text, images, job listings, and product details from web pages.
- Integrated error handling and data validation for robust scraping.
- Saved scraped data into CSV files or SQLite databases for analysis.

## ACHIEVEMENTS

# AWS Fundamental Workshop

## TRAINING /CERTIFICATIONS

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<b>Python with Django Training</b>	2024
Mindrisers	
<b>Cybersecurity Pre-Foundation Course</b>	2024
ISMT	
<b>AWS Cloud Clubs Linux CLIs on Amazon EC2 lab</b>	2025
AWS Community	

## AWARDS

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<b>Mentor &amp; Instructor in Generative AI Bootcamp</b>	Janakpur, Nepal
Janakpur Tech Bootcamp	2025
<b>Team Member, UbuCon Asia 2025</b>	Kathmandu, Nepal
Ubuntu Nepal	2025
<b>Organizer- Media Team</b>	Kathmandu, Nepal
<i>AWS Cloud Club at TU</i>	2025
AWS Student Community Day	
<b>Mentor in Janakpur Hackathon 2.0</b>	Janakpur, Nepal
Neelgai	2022
<b>Mentor in SXC Sandbox 2.0</b>	Kathmandu, Nepal
St. Xaver's College	2025

## SKILLS

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Programming Language (Python, HTML, CSS, JavaScript, SQL), Libraries & Frameworks: Pandas, NumPy, Matplotlib, Seaborn, React, Django, Django Rest Framework, Web Scraping/Data Analysis (Python), Photography, Videography and editing, Mentoring, Leadership,

## LANG UAG E

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English, Nepali, Maithili, Hindi, Spanish

## REFERENCES

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<b>Sunil Thapa - Lecturer</b>	<b>Deepak Shah - Co-Founder &amp; Co-CEO</b>
Softwarica College	Neelgai
stw00148@softwarica.edu.np	deepak@neelgai.com