

Ishan Ojha

Undergraduate Computer Science Student at Kathmandu University

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Objective

Motivated web and app developer with hands-on experience in building scalable back-end applications. Skilled in building secure APIs, integrating real-time databases, and delivering user-friendly solutions. Currently exploring Artificial Intelligence with a keen interest in applying ML techniques to real-world problems. Committed to continuous learning, collaboration, and building software that makes a meaningful impact.

Experience

Software Developer Intern, Gurkha Technology Pvt. Ltd., Kathmandu

Apr 2025 – Jul 2025

- Worked on Physioroutine – a web app for physiotherapy patients to guide them through exercise routines.

Education

Bachelor of Science in Computer Science, Kathmandu University, Dhulikhel (*Aug 2021 – present*)

CGPA: 3.4 – 3.5 (till 7th semester)

- Strong foundation in data structures, algorithms, and software development.
- Completed coursework in DBMS, Operating Systems, Computer Networks, AI, Neural Networks, and Software Engineering.
- Hands-on projects in web development, UI/UX design, and backend systems.

+2 Science, Baylor International Academy, Banepa, Nepal

(2019 – 2021)

GPA : 3.44

- Completed coursework on Physics, Chemistry, Mathematics, and Computer Science.


Projects

1. SajiloFurniture

(private) 

- Lead Backend Developer & UI/UX Designer
- Designed backend architecture, API development, CRUD operations, and user interface.

2. CafeEase

(private) 

- Flutter, Firebase, Khalti
- Built cafe management platform integrating payment system and secure database.
- Focused on intuitive UI and seamless transactions.

3. Trouvaille

(public) 

- Next.js, Tailwind, React, OpenAI, Replicate API
- Built SaaS multimedia generator with AI-based image, text, audio, video, and code features.

4. OCR-Based Nepali Text Extraction and Translation

(public) 

- Built a system to detect and recognize handwritten Nepali text using YOLOv8 and CRNN.
- Developed a CRNN model with CTC loss for text recognition, trained on 4.3k+ word-level samples.
- Integrated EasyOCR for improved recognition on digital text.

5. OKCHATA (Discord Bot)

(public) 

- Developed using Node.js with discord.js module.
- Removes image backgrounds using Remove.bg API.

6. Antarikshya(Discord Bot)

(public) 

- Fetches NASA Astronomy Picture of the Day (APOD), Mars Rover photos, and image library search.
- Provides random space trivia and live space weather updates.
- Customizable daily APOD delivery in Discord channels.

7. InfluenceRank

(public) 

- Node.js & EJS
- Lead Backend Developer. Graph-based influencer status identification tool using dataset algorithms.

Certifications

- **Postman API Fundamentals Student Expert:** Postman, 2024
- **Fundamentals of Digital Marketing:** Google, 2025
- **Supervised Machine Learning:** DeepLearning.AI, 2025
- **From Business Goals to Ad Objectives:** Meta, 2025
- **Soft Skills Course:** GeeksforGeeks, 2025
- **Canva Essentials:** Canva, 2025

Skills

- **Languages:** C, C++, HTML, CSS, JavaScript, Python, NodeJS, Express
- **Version Control & DevOps:** Git, GitHub, Vercel, Netlify
- **Design and UI/UX:** Figma, Wireframing, Prototyping, User Journey Mapping
- **Methodologies:** Agile development

Languages

- **Nepali:** Native
- **Hindi:** Fluent
- **English:** Professional Proficiency