

# Binayak Bartaula

Tech Enthusiast | Software Engineer | AI & Web Developer

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## Objective

Aspiring software engineer passionate about building innovative, user-centric applications. Eager to contribute to impactful projects in web development, machine learning, and mobile app design.

## Education

### B.Sc. in Computer Science and Engineering

Pokhara University, NCIT College, Lalitpur

*Expected Graduation: August 2026*

## Technical Skills

- **Languages:** C, C++, JavaScript, Java, Kotlin, Python, Dart, HTML, CSS
- **Web & App:** React, Next.js, Node.js, Express.js, Flutter, Tailwind CSS
- **ML & AI:** TensorFlow, Keras, Data Analysis
- **Databases:** MongoDB, MySQL
- **Tools:** Git, Docker, AWS, Firebase

## Projects

- **Weatherfy:** Real-time weather app built with Next.js and TypeScript. [Link](#)
- **Budget-Sentinel:** Expense tracker app with real-time financial analytics. [Link](#)
- **Xchangify:** Currency conversion web app with live exchange rates. [Link](#)
- **Adopt-a-Pawfect Match:** Platform connecting pet lovers with adoptable pets.
- **EcliptoTrack:** Web-based celestial event tracker with NASA integration. [Link](#)
- **ChatLock:** Encrypted messaging app ensuring secure communication.
- **LitQuotes:** App curating literary quotes with advanced search.
- **Water Irrigation System:** Embedded system automating crop irrigation using sensor data.
- **Exam Predictor:** AI system predicting exam questions and offering study recommendations.
- **Aurora Atelier:** A simple yet powerful paint app inspired by MS Paint, featuring secure sign-ins and modern web technology. [Link](#)
- **Listfy:** A sleek task management app with local storage persistence and responsive design. [Link](#)
- **GradeVista:** A grade management tool tailored for Computer Engineering students at Pokhara University. [Link](#)
- **QCM-KMeans-Athens:** K-means clustering project exploring quantum computing and ML. [Link](#)

## Leadership & Extracurricular

- Active Member, NCIT CSE Club; participated in hackathons and tech events.
- Lead Organizer, NCIT Hackathon 2021 (Feb 30); managed logistics and mentored teams.
- Volunteer, Code for Good; contributed to local tech education initiatives.
- Member, University Sports Club (Football) and CS-2 Gaming Clan.

## Honors & Awards

- Best Innovator, NCIT Hackathon 2022 (Apr 30).
- 1st Runner-Up, University-Level Web Development Competition 2023 (Feb 30).
- Academic Excellence Award, Semester 2024 (Jun 31).

## Languages

- Nepali (Native), English (Fluent), Hindi (Fluent), Spanish (Basic, A1/A2)

## Interests

Nature, Cooking, Literature, Cinema, Interactive Media, Competitive Gaming, Sports, Mythology, Philosophy, Cognitive Science, Neuroscience, Anthropology, Psychology, Vintage & Nostalgia, ...

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## Continuous Learning

Committed to expanding my skills and knowledge, embracing curiosity as a lifelong journey... because knowing everything except coding would be too easy.