

Binayak Bartaula

Tech Enthusiast · Software Engineer · AI & Web Developer · Future Forward Developer

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DIGITAL IDENTITY

A human-centered technologist with a polymath's curiosity—engineering elegant solutions at the intersection of art and algorithm. Dedicated to crafting digital experiences that evolve beyond conventional boundaries while solving real-world challenges through computational innovation.

OBJECTIVE

Aspiring software engineer passionate about coding, problem-solving, and creating user-centric applications. Eager to apply skills in web development, machine learning, and app development to build scalable, impactful solutions.

FUTURE ORIENTATION

Currently exploring the convergence of neural interfaces, distributed systems, and human-centered design principles to build technology that amplifies human potential. Committed to continuous evolution—because the most powerful skill is learning how to learn.

EDUCATION

B.Sc. in Computer Science and Engineering
Pokhara University, NCIT College, Lalitpur

Expected: 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.
- **Budget-Sentinel:** Expense tracker with real-time financial analytics.
- **Xchangify:** Currency conversion web app with live exchange rates.
- **EclipsoTrack:** Web-based celestial event tracker with NASA integration.
- **Water Irrigation System:** Embedded system automating crop irrigation using sensor data.
- **Aurora Atelier:** A powerful paint app inspired by classic digital drawing tools.
- **Listfy:** Sleek task management app with local storage persistence.
- **GradeVista:** Grade management tool for Pokhara University students.

- **QCM-KMeans-Athens:** K-means clustering project exploring quantum computing.

...and a myriad of innovative projects redefining possibilities!

LEADERSHIP & EXTRACURRICULAR

- 👥 Active Member, NCIT CSE Club; participated in multiple hackathons and tech events.
- 👤 Lead Organizer, NCIT Hackathon 2021 (February 15); 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 (April 30).
- 🏆 1st Runner-Up, University-Level Web Development Competition 2023 (February 28).
- ★ Academic Excellence Award, Semester 2024 (June 30).

LANGUAGES

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

INTERESTS

Neuroscience · Behavioral Economics · Quantum Computing · Sustainable Technology · Cognitive Psychology · Nature · Cognitive Science · Anthropology · Philosophy · Cooking · Literature · Cinema · Interactive Media · Competitive Gaming · Sports · Mythology · Vintage & Nostalgia

CONTINUOUS LEARNING

Driven by an insatiable thirst for mastery, relentlessly pursuing excellence in coding and beyond. Every challenge transformed into a catalyst for growth, because in a world where knowing everything except coding would be too easy, choosing to redefine limits and ignite innovation.