

Santosh Kumar Chaudhary

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GitHub: <https://github.com/nishant01k> | Portfolio: <https://www.santoshkumarchaudhary.com.np>

Objective

Final-year Electrical & Electronic Engineering student and passionate app developer, eager to combine technology and creativity to solve real-world problems. Experienced in developing innovative applications and exploring smart grid research, with a strong focus on turning ideas into impactful solutions. Seeking opportunities to learn, innovate, and contribute to projects that make a meaningful difference.

Education

Nepal Engineering College (NEC)

Bachelor in Electrical and Electronic Engineering

(Expected Graduation: 2026)

Kathmandu Model College, Bagbazar

+2 Science

Little Angels' School, Hattiban, Lalitpur

School Level

Technical Skills

- **Programming Languages:** Python, Java, C, MATLAB
 - **AI & Data Science:** Machine Learning (beginner), Data Analysis
 - **Software & Tools:** AutoCAD, ETABS, MATLAB, Excel, Firebase, WorkManager, UI/UX Design
 - **Other Skills:** Electrical circuit design, Power system analysis, Fault detection, Project management
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Work & Project Experience

IEEE Student Branch Chairperson – nec (Current)

- Leading the IEEE Student Branch at NEC, organizing technical workshops, seminars, and competitions.
- Promoting professional development, innovation, and technical awareness among students.

- Coordinating with IEEE, ACEI, and other technical bodies to facilitate student engagement in engineering initiatives.

UI/UX Design & Development

- Designed and developed UI/UX for multiple applications and websites.
- Focused on creating intuitive and user-friendly interfaces for improved user experience.

Secretary at CRASInec Club

- Assisted in organizing and managing various technical events and competitions.

ACEI Ambassador - nec

- Represented ACEI at the college level to promote technical awareness, professional development, and engineering ethics.
- Conducted workshops, seminars, and events to engage students in engineering and AI initiatives.

Earnify (Under VIW - Villain in Wave)

Founder & Developer

- Developed an ad-based earning application that enables users to earn Nepali currency.
- Integrated Firebase Realtime Database for efficient coin data storage and Firebase Cloud Messaging for automated daily notifications.
- Implementing WorkManager to dynamically fetch and schedule notifications from the admin dashboard.

Certifications & Trainings

- **Winner at UI/UX Competition** – Nepal Engineering College Exhibitions
- **Runner-up at Software Competition** – HEX
- **GCP-Powered AI Solution for Building on Aelf** – StackUp (Top 7)
- **Participant at Hult Prize**
- **Finalist at STEAM (organized by Ministry of Education, Science, and Technology - MoEST)**

Extracurricular Activities & Achievements

- Participating in the **Hult Prize - Waste-to-Wealth Platform** idea competition.
- Actively working on AI and ML-based research and development.
- Passionate about AI applications in electrical engineering and automation.
- **Hult Prize Organizing Community** - Actively involved in planning and coordinating events.

- **UI/UX and Software Program Organizer** - Organized and participated in multiple technical programs.
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Languages

- English (Fluent)
- Nepali (Native)
- Hindi (Fluent)
- Maithili (Fluent)