

Nischal Raj Sigdel

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Summary

Passionate and innovative, I am an electrical and electronics engineering student commencing my studies at the University of Texas at Arlington in Fall 2025. Driven by a vision to develop photonic chips, brain-computer interfaces (BCI), innovative input/output systems, and fully immersive virtual reality, I aim to empower the next generation with transformative technology. My journey—from catering staff to Operations Manager at Abroad Unbox and Secretary of Leo Club of Kathmandu Tkapan—has equipped me with diverse skills in management, leadership, and technical expertise. I thrive on hard work, mentorship, and continuous learning to achieve my goals.

Education

B.Sc. in Electrical and Electronics Engineering

University of Texas at Arlington | Fall 2025 - Present (Expected)

- Commencing studies with a focus on photonics, BCI, and virtual reality technologies.

High School Diploma (Grade XII), Concentration in Computer Science

Kathmandu Unified Secondary School | August 2021 - June 2023

- Passed with Outstanding Division
- Grade: A+ (GPA: 3.68)
- Ranked in Top 2% of the nation

Secondary Education Examination (Grade 10), Auxiliary Subject - Computer Science

Joseph High School | June 2019 - June 2021

- Passed with Outstanding Division
- Grade: A+ (GPA: 3.80)
- Ranked in Top 1% of the nation

Experience

Operations Manager

Abroad Unbox, Kalikasthan-Kathmandu | May 2024 - Present

- Managed daily operations and ensured effective client engagement.
- Coordinated team efforts for strategic decision-making.

- Organized daily briefings and maintained weekly minutes.

Founder and Secretary

Leo Club of Kathmandu Tkapan, Kapan, Boudha-06, Kathmandu | Apr 2023 - Present

- Organized workshops, including Cyber Security Awareness and Youth Leadership.
- Coordinated club events and contributed to executive decisions.
- Prepared and presented the research paper "Youth's Hope."
- Organized a collaboration event between Traffic Police and Civilians.

Junior Hardware Technician

EDSON Technologies | September 2023 - January 2024

- Assembled new computers and resolved hardware issues.
- Integrated new PCs into networks and calibrated devices for optimal performance.

Computer Teacher

Kathmandu Unified City Secondary School | January 2023 - April 2023

- Developed lesson plans and taught computer science.
- Supported students as a temporary teacher replacement.

Catering Staff

Surya Events | December 2021 - December 2022

- Initially served as a waiter, providing attentive service and ensuring guest satisfaction.
- Promoted to cook due to strong performance, collaborating with professional chefs to prepare traditional Nepali cuisine.
- Assisted in maintaining kitchen efficiency and upholding food safety and quality standards.

Secretary

KU City Secondary School Students' Council | February 2022 - February 2023

- Supervised and managed student programs, ensuring successful execution of events.
- Coordinated with school administrators and students to foster a collaborative environment.
- Led initiatives to engage students in extracurricular activities and community service.

Volunteer Experience

Organizer and Manager - Student Opportunities

- Organized and managed student camps focused on Olympiads and scholarships.
- Volunteered to guide and support students in academic pursuits.
- Helped students and youth explore different career-based activities.

Fundraising and Donation Coordinator | Community Orphanage Support Initiative

- Led a successful fundraising campaign through social media, community outreach, and partnerships to raise funds for an orphanage.
- Engaged with local businesses, individuals, and online communities to generate support and donations.
- Managed the allocation of raised funds, ensuring the orphanage (housing approximately 30 children) received resources for daily care and development.
- Coordinated with the orphanage to ensure effective and transparent use of funds, benefiting the children's well-being and education.

Workshop Organizer | Productivity & Digital Tools Workshop

Leo Club of Kathmandu Tkapan | April 2023

- Organized and led a workshop to enhance productivity and digital tool usage.
- Engaged participants and coordinated logistical arrangements.

Program Coordinator - Shiva Ratri Program

Pashupatinath Temple

- Coordinated teams for crowd management and water distribution, ensuring smooth operations.
- Facilitated lost person announcements and support efforts with volunteers.
- Oversaw the Emergency Response Team, providing first aid and arranging ambulance transport.

Lead Organizer and Content Developer | CyberSpace Awareness Program

Leo Club of Kathmandu Tkapan

- Organized meetings to develop program content and prepared presentation slides.
- Anchored the event, engaging participants and ensuring smooth transitions.

Organizer and Manager | Daily Morning Yoga Session

Kapan Party Palace, Boudha-06, Kathmandu

- Organized and managed daily yoga sessions effectively.
- Partnered with yoga instructors to develop inclusive session plans.
- Oversaw logistics, including venue setup and participant registrations.

Skills

Technical Skills

- Computer Hardware & Networking: PC assembly, hardware troubleshooting, network integration, calibration.
- Software & Tools: C, Microsoft Office Suite, Google Workspace, Virtual Studio Code.
- Event Management Platforms: Google Calendar, Zoom, Microsoft Teams.
- Web Development: HTML, CSS, JavaScript.

Management & Leadership Skills

- Operations Management: Streamlined operations, client engagement, and team coordination.
- Project Design & Execution: Led workshops and large-scale events, including Cybersecurity Awareness.
- Leadership: Balanced strategic planning and hands-on activities as Secretary and Founder of Leo Club.

Communication & Public Speaking

- Anchoring: Facilitated events like the Cybersecurity Awareness Program.
- Presentation Skills: Presented "Youth's Hope" and led club meetings.
- Teaching & Training: Taught computer science and developed lesson plans.

Interpersonal & Teamwork Skills

- Collaboration: Worked with traffic police, club members, and volunteers.
- Conflict Resolution: Managed group dynamics in student council and club roles.
- Client Service & Hospitality: Excelled in catering, advancing to a cooking role.

Certifications

- Building a Personalized Chatbot with OpenAI and LangChain, LinkedIn Learning, November 2024
- C++ Essential Training, LinkedIn Learning, November 2024
- Electronics Foundations: Fundamentals, LinkedIn Learning, November 2024
- Data Science and Analytics, HP LIFE, October 2024
- Computer Hardware and Software Networking, Kathmandu Metropolitan, June 2024
- Agile Project Management, HP LIFE, October 2024
- Effective Leadership, HP LIFE, October 2024

- Certificate of Attendance - 10th International Youth Conference, IYCforYouth, October 2024

Activities

Group Leader, Debate Team

North East School Alliance (NESA), Kathmandu

- Led a team, fostering collaboration and enhancing debate skills.
- Organized practice sessions focusing on argumentation and communication.
- Guided the team to victory in inter-school competitions.

Actor

Ek Chiyan, Godatta Prasad Ku City Secondary School Theater

- Portrayed a lead character, showcasing acting skills and emotional depth.
- Collaborated with cast and crew for engaging performances.

Team Manager

Water Filtration Project, Final Exam Project, Chemistry Subject

- Led a team to develop an affordable charcoal-based water filtration system.
- Managed the project from concept to clear, informative presentation.

Project Developer

Website Clone and Upgrade Project, Final Exam Project, Computer Science Subject

- Developed a website clone using HTML, CSS, JavaScript, PHP, and a database.
- Upgraded with new features, demonstrating problem-solving skills.