Rabiraj Khadka
Project Coordinator and IoT Developer

An independent and self-motivated computer engineer with proven and tested system design and development, team management, and project management skills with a research interest in cognitive science, engineering management, and psychology. Looking for an opportunity to excel in the field of Project Management researching the optimization of human potential for the daily functioning of an organization. My Strength Resume discovered by Scoutible: https://bit.ly/StrengthResume-RabirajKhadka

✉ er.rabirajkhadka@gmail.com   📱 +977 9849903406   📍 Bhaktapur   🌐 rabirajkhadka.com.np

WORK EXPERIENCE

R&D Coordinator
Robotics Association of Nepal
04/2018 - Present
Achievements/Tasks

- Managing the Technology team of **Mission Oxygen Team** - an initiative to map the biomedical equipment across the country and help in install, operate and repair of oxygen plants and concentrators;
- Successfully launched the beta version of **Nepal Innovation Mapper** (now National Innovation Digital Network) for the first phase of the project as an innovation manager, hosted by Nepal Academy of Science and Technology;
- Successfully deployed project **Automated Water Pumping System** at the community of Nilkantha Municipality as a program manager, system engineer;
- Designed the IoT system and coordinated Community Based Automated Flood Early Warning System for Macheli River at Kailali-Kanchanpur as a project coordinator;
- Successfully organized Open Data Day 2019 and Open Data Day 2021 Celebration at Biratnagar, Pokhara, Butwal, Birgunj and Jumla as a principal manager; completed hackathon on Machine Learning and Open Data for Public Services and Open Health Ideathon;
- Presented paper at **Nepal Internet Governance Forum 2018** on Industrial Internet of Things for Traffic Management, IoT Infrastructure for Community Based Early Warning System for Disaster Risk Reduction;
- Successfully coordinated **Yantra Learning** - First Machine Learning Competition in Nepal since 2016 AD able to onboard 6 projects for incubation;

Contact: Er. Bikash Gurung, President - Robotics Association of Nepal

Organizer
WordCamp Kathmandu
07/2016 - 03/2018
Achievements/Tasks

- Successfully organized WordCamp Kathmandu 2017 and WordCamp Kathmandu 2018;
- Served as a Social Media and Publicity Wrangler;
- Served as a Volunteer Wrangler;
- Volunteered at WordCamp Kathmandu 2016;

Contact: Yam Bahadur Chhetri, Lead Organizer

Event and Resource Manager
OMG Battlebots
11/2016 - 01/2018
Achievements/Tasks

- Successfully organized OMG Battlebot 2017 and 2018 - battle between robots during CAN Infotech Kathmandu;
- provided a platform to exhibit 10+ college projects for the students of engineering colleges in Nepal;

SKILLS & COMPETENCES

Project Management   Risk Analysis

Performance Monitoring and Evaluation

Communication and Interpersonal Skills

Agile Practice   Event Management

Jira and Confluence   Arduino

Internet of Things   Matlab

Python Programming   MySQL

PROJECTS (BEST FIVE)

Nepal Innovation Mapper [NIDN]
- Noble initiative to identify, map, and disseminate information regarding innovators and their innovation in Nepal and beyond.

Community-Based Automated Flood Early Warning System
- Flood Early Warning System using LoRa network for timely dissemination of flood warnings to the locals of Tilki Village.

Irritating Machine
- Colaborative art+tech installation for yantra 4.0 art showcase developed using arduino and C#

Automatic Water Pumping System
- Water distribution system from river to villages at Nilkantha Municipality, Dhading

Nepal Builder
- Augmented Reality Application showcasing various monuments destroyed by Earthquake in 2015 developed using C#

EDUCATION

Master of Arts in Psychology
Trichandra Multiple Campus
02/2019 - 2021

Bachelor in Computer Engineering
Khwopa Engineering College, Purbanchal University
11/2013 - 12/2017

Rabiraj   Khadka

📍 Kathmandu, 🇳🇵

Team Olympic

No one you know works as hard as you do to accomplish the tasks in front of you. No matter how long it takes, your drive and perseverance make you stand out from the crowd and propel you toward success.

✉ ran.rabirajkhadka@gmail.com

🔗 https://rabirajkhadka.com.np

in https://www.linkedin.com/in/rabirajkhadka/

Rabiraj 's Unique Strengths

- Creative Problem Solver
- Reflective
- Innovator
- Adaptive
- Methodical
- Go-Getter
- Competitor
- High Grit
- Even-Keeled
- Commanding Leadership
- Deep Learning
- Strategic Learning

👤 Work

Creative Problem Solver

This person's combination of curiosity and diligence allows them to come up with innovative solutions to problems. They excel when they have the freedom to explore any and all solutions.

Adaptive

This person uses negative events as a source of inspiration. Even in the face of hardship, they are willing and able to produce solutions for their team.

Methodical

This person works steadily towards goals with a high level of focus and is not easily distracted. They can be counted on to always complete the task at a steady pace without compromising quality.

Go-Getter

This person has a strong work ethic and can always be counted on to work hard toward their goals. They're not afraid to play devil's advocate to ensure the best overall results.

Competitor

This person is highly ambitious and laser-focused on achieving success. They thrive in roles where they reap the rewards of their outsized efforts and have control over their destiny.

High Grit

This person's tenacity, courage and perseverance allows them to overcome obstacles in stride and stay motivated to achieve their long term goals.

Commanding Leadership

This person is a hands-on leader who excels in leadership roles that require a disciplined approach. They're known for their strong presence and enjoy the challenge of developing team members who may require extra guidance.

👤 Work

🎓 Education

Deep Learning

This person loves to learn and become an expert in specific subjects. They deeply enjoy researching topics down to the smallest detail.

Strategic Learning

This person has an effortless ability to prioritize and master subjects strategically toward any goal. This person's strong self-motivation propels them through any topic or subject matter useful for accomplishing the task at hand.

Self

Reflective

This person enjoys independent work that requires creativity and deep contemplation. They excel when given the opportunity to work autonomously on projects that require inventive solutions.

Innovator

This person is a critical thinker with original ideas who doesn't shy away from taking an uncommon stance. They work best in environments that value creativity and encourage diversity of thought.

Even-Keeled

This person is a constant source of strength and emotional stability. No matter what issues arise, they remain calm and composed. They are highly resistant to stressful environments that might overwhelm the average person.