MATRIKA REGMI

https://matrikaregmi.com.np/   https://github.com/Mrt009

EDUCATION
St. Xavier's college, Kathmandu Nepal (High School Diploma)   **(2020-2022)**
Relevant Coursework: Mathematics, Physics, Biology, Chemistry

SKILLS
- Expert in Microsoft Office360
- Full Stack Web Development: HTML, CSS, JavaScript, jQuery,React, Node.js
- Machine Learning and AI: Python Programming Pandas, NumPy, TensorFlow, PyTorch
- Problem Solving and Team Management

LEADERSHIP
Co-founder, Students Support Circle (SSC), Western Nepal   **(2019)**
• Led a team that improved education & nutrition for 60+ underprivileged children
• Organized 15 volunteer work events, raising $5,000 for the cause
• Closed achievement gaps, providing essential resources for children in need

Co-founder, Blue Bug Society   **(2023)**
• Established a non-profit community of developers, reaching over 70 schools
• Conducted 50+ seminars and programming classes, benefiting 1,500+ students
• Supported 30 small organizations and businesses with their digital presence

School Captain, Balodaya Secondary School   **(2019)**
• Served on a student jury for decision-making, problem-solving, and guiding students
• Led the school to victory in regional and national level competitions
• Honed leadership and decision-making skills while representing the school

COMMUNITY
Volunteer, Red Cross Society   **(2015- present)**
• Assisted with 10 local community service projects and participated in disaster relief efforts
• Contributed to promoting health, well-being, and disaster recovery, notably during the 2015 earthquake
• Developed empathy and teamwork while helping those in need

ONLINE COURSES
Completed CS50, Meta's Front Development Professional Course, freeCodeCamp courses and Deep Learning, Machine Learning Course
• Successfully finished courses in algorithms, data structures, computer science theory, web development, and machine learning
• Developed a strong foundation in computer science principles and practical skills
• Created a Face Recognition Software, Motion Detection Software, Emergency App, a lot of web applications and many more

EXPERIENCE
Developer, Tuppl Tech   **(2023)**
• Worked as a developer for 9 months, managing front-end and back-end responsibilities
• Gained hands-on experience in web development and problem-solving
Research, Scholar   **(2023)**
- Collaborated with the Central Department of Computer Science and Information Technology (CDCSIT) on a research project.
- Contributed to advancing Nepali Speech Recognition using LLM models.
- Engineered algorithms for accurate speech recognition, enhancing language inclusivity in AI.

HONORS
• Recognized as the Emerging Student of the Year   (2019)
• Received a Letter of Excellence for Impressive Project Management   (2020)
• Awarded a Gold Medal in a Quiz Contest, securing the 1st position among 250+ teams
• Achieved 1st Runner-up at SET Exhibition, surpassing 67 participating team   (2021)
• Secured the 2nd position in the hackathonorganized by GitHub, competing against participants from 35+ Asian countries   (2022)