

Manish Acharya

Portfolio: manish60.com.np

Github: github.com/manishacharya60

Email: manish.lp3000@gmail.com

Mobile: +977-981-0129716

EDUCATION

- **St. Xavier's College** Maitighar, Kathmandu
High School; GPA: 3.85
Courses: Physics, Mathematics, Chemistry, English, Nepali, Biology
July 2019 - December 2021

SKILLS SUMMARY

- **Languages:** Java, C, C++, Python, JavaScript, Dart
- **Frameworks:** Spring, Flutter, Django, React
- **Tools:** GIT, PostgreSQL, MySQL
- **Platforms:** Linux, Web, Windows, Arduino, Android, IOS
- **Soft Skills:** Leadership, Teamwork, Time Management, Communication, Problem-solving, Event Management, Writing, Public Speaking

EXPERIENCE

- **Software Developer** Physical
Digital Nepal (Full-time) *December 2021 - July 2022*
 - **School Management System:** Worked in a team of 3 Software Developers and 2 designers to build a School Management System with an idea to digitize the education ecosystem of Nepal.
 - **Mobile Application:** Engineered and maintained major features of the Digital Nepal mobile Apps.
 - **Canteen Management System:** Engineered and lead the solo project (Canteen Management System). The software which now is adopted by 150+ schools/colleges.
 - **Assistance:** Assisted Junior Developers and Interns to design the software and led different projects with them.
- **Web Developer** Physical
Mokshya Tech. and IT Solutions (Part-time, Contractual) *July 2020 - August 2021*
 - **Internship:** Worked as an intern for first 4 months under different projects and learned new tools/technologies. Later on promoted as an Employee.
 - **Digital GITA:** Assisted in developing EATGITA website: the online version of the religious book GITA. The website aimed on providing lessons and teaching GITA through interactive ways.
 - **Staff Management System:** Led a team of 5 web developers to build a complete Staff Management System.

PROJECTS

- **RajGyan - a platform to discuss menstrual problem and fight the stereotypes):** Developed a mobile application which provides a safe space to discuss the problems and share informative contents related to menstruation. The app focuses on fighting the stereotypes and myths regarding menstruation in Nepal. Tech: Flutter, Dart, and Firebase. (April - June '22)
- **Periodic Table:** Built a periodic table web application listing all the available elements in the universe with their detailed description. Tech: Python, Django, PostgreSQL, and JavaScript. (June '20)
- **Resistance Calculator:** Built a Resistance Calculator app using Java. The project was initiated with an idea to simulate and help students understand the calculation of resistance in any resistor during my high school. Tech: Java (August '20)
- **Zoo Keeping Robot:** Built a Zoo Keeping Robot, which is capable of identifying animals in specific shelter and distribute foods based on the animals and shelters. Tech: Arduino (April - May '19)
- **Portfolio Website:** Built a Zoo Keeping Robot, which is capable of identifying animals in specific shelter and distribute foods based on the animals and shelters. Tech: Java, Spring MySQL, HTML, CSS, JavaScript

PUBLICATIONS

- **Book: Deep Learning on Web (Web Development, Deep Learning):** Work in Progress book to be published by Packt Publishing in late 2019. Tech: Django, Python, AWS, GCP, Azure (November '18)

HONORS AND AWARDS

- Winner of National Informatics Olympiad - May, 2022
- Winner of National Robotics Olympiad - January, 2019
- Winner of Website Development Competition - November, 2019
- Student of the Year - 2019/20
- Winner of Pubic Speaking Competition - October, 2018

VOLUNTEER EXPERIENCE

- **National Advocate for Nepal at Global STEM Network** New York, USA
Surveying & researching status of Nepal and other underdeveloped countries in STEM *Jun 2022 - Present*
- **Founder at RajGyan** Kathmandu, Nepal
Organizing sessions & workshops related to menstrual hygiene. Advocating for PINK TAX. *Jan 2018 - Present*
- **Olympiad Mentor and Assistant at STEM Foundation Nepal** Kathmandu, Nepal
Assisted in conducting National selection for Intl. Olympiads & mentoring the participants. *Class Breaks*
- **President at Computer Club** Kathmandu, Nepal
Conducted National Tech. events and organized different teaching/learning workshops. *Jan 2020 - Oct 2021*