Prajjwal Maharjan

Aspiring Software Engineer

Location: Kathmandu
Date of birth: 2005-07-26 A.D.
2062-04-11 B.S.

Email: prajjwal.maharjan2013@gmail.com
Leetcode:
[Prajjwal-dev - LeetCode Profile](#)

https://www.linkedin.com/in/prajjwal-maharjan-5592a0281/

[Prajjwal's Portfolio (prajjwal-dev.github.io)](#) (my portfolio)

I am a highly motivated and driven student with a passion for **DSA (Data Structure and Algorithms)** and **AI(Artificial Intelligence)** , aiming to apply these skills to streamline processes and increase efficiency in various projects and environments. My academic journey has instilled a strong foundation in **Software and Web Development** , and I am eager to continue learning and honing my expertise. With a proactive approach and a dedication to continuous improvement, I am always looking for opportunities to tackle new challenges, expand my technical knowledge, and contribute to innovative solutions. I am committed to personal growth and excited to further develop my skills in a dynamic and fast-evolving field.

Education

KIST College of Information Technology | Bachelor's in Information Technology
Kathmandu, Nepal | 2023 - Present

- Currently pursuing a degree in Information Technology.

Orient College | Class 12 (Computer Science and Management)
Kathmandu, Nepal | 2023

- GPA: 3.85/4.00 | Topper of College
- Relevant Subjects: Computer Science, Management

Angels' World International Academy | Secondary Education Examination (SEE)
Kathmandu, Nepal | 2021

- GPA: 4.00/4.00 | Topper of School
- Relevant Subjects: Optional Mathematics, Computer Science

Skills

- **Multilingual (Nepali, English, Hindi)**
- **Effective Communication**
- **Active Listening**
- **Adobe Photoshop**
- **MS Office Package (Word, Excel, PowerPoint, Access)**
- **WordPress**
- **JavaScript**
- **Git**
- **C & C++**
- **HTML & CSS**
- **PHP and Python**
- **Unity**
- **C#**
- **Blender**

- **DSA**
- **AI**
- **SQL**
- **Figma**
- **Chess**

Projects

- **Smart_Traffic_Management_System**
  Awarded the **Gold Medal** at the **Imageneering Competition** during KIST Fair, this project optimizes traffic flow using real-time data and intelligent traffic light systems. It leverages sensors and AI algorithms to reduce congestion, improve emergency vehicle routing, and enhance overall road safety.

  [Link: traffic-management]

- **Hamro_Canteen**
  Developed as part of the **KIST Hackathon**, Hamro Canteen is a smart, automated canteen management system designed to streamline food ordering, inventory tracking, and payment processing. This innovative solution improves efficiency and customer experience in educational institutions.

  [Link: Andipstha/khukuri_coders]

- **CipherPayroll**
  A robust payroll management system created for the **BIT project**, CipherPayroll integrates seamlessly with HR and accounting systems, ensuring accurate employee payments and deductions. It features secure data handling, tax calculations, and a user-friendly interface for ease of use.

  [Link: Prajjwal-dev/CipherPayroll]

- **Python_Projects**
  Built using Python, this project collection includes a variety of applications such as a **QR Code Generator**, **Password Generator**, **Calendar**, and **Weather Forecasting**. Each project offers flexibility in customization and functionality, enabling users to generate QR codes for various applications, create secure passwords, manage their schedules, and obtain real-time weather updates. This diverse set of tools showcases the versatility of Python in solving everyday problems and enhancing user experience.

  [Link: Prajjwal-dev/Python_Projects]

- **PM Kitchen Chaos**
  A large-scale game developed over a long period using **C# and Unity**, PM Kitchen Chaos is an engaging and fast-paced cooking simulation. Players manage a virtual kitchen, handle customer orders, and juggle multiple tasks, all while facing escalating challenges in a competitive gaming environment.

  [Link: PM Kitchen Chaos by Prajjwal-dev]

- **Memory Match Game & TicTacToe**
  These fun and interactive games were developed using **HTML, CSS, and Python**. The **Memory Match Game** challenges players to find pairs of matching cards, while **TicTacToe** offers a classic gameplay experience with a clean and intuitive interface. Both games focus on logic, strategy, and user engagement.

[Link of Memory Match Game: Memory Match Game (prajjwal-dev.github.io)]
[Link of TicTacToe: Tic Tac Toe (prajjwal-dev.github.io)]

Interests

- **LeetCode Solver** (enjoy solving coding challenges and improving algorithm skills)

  [Link of leetcode Profile: Prajjwal-dev - LeetCode Profile]

- **Playing Chess** (strategic thinking and problem-solving through games)
- **Traveling** (exploring new cultures and places)
- **Coding** (designing and developing applications to solve real-world problems)
- **Watching Soccer and Cricket** (avid fan of both sports)
- **Gaming** (passionate about various gaming genres and platforms)
- **Making YouTube Content** (creating videos to share knowledge and experiences)
- **Solving Rubik's Cube** (enjoy tackling challenges and improving dexterity)
- **Making Animations and Using Photoshop** (exploring creativity through digital design)
- **Watching Movies** (appreciating storytelling and cinematography)
- **Learning New Languages** (committed to personal growth and communication)
- **Interactions with New People** (valuing diverse perspectives and building connections)
- **Making Projects** (engaging in hands-on experiences to apply knowledge)

Accomplishments

- **Gold Medalist** in the **Imageneering Competition** at KIST Fair, showcasing innovation and project excellence.
- **Collaborated** on the **Hamro Canteen** project during the KIST Hackathon, working alongside numerous seniors to develop a smart solution for food management.
- **Gold Medal** in **Chess** during Class 12 at Orient College, demonstrating strategic thinking and competitive spirit.
- **Consistently improving** skills in **LeetCode**, **Data Structures and Algorithms (DSA)**, and **Artificial Intelligence (AI)**, actively upscaling my rank on the platform.
- **Outstanding Academic Performance**, recognized for dedication and excellence in studies throughout my educational journey.