

KAPIL PARAJULI

Kathmandu, Nepal

📞 9840568293 ✉ parazulikapil777@gmail.com 🌐 [Github](#) 🔗 [Linkedin](#)

Summary

Detail-oriented Developer with a strong foundation in web development and a passion for building user-centric applications. Known for exceptional problem-solving, time management, and the ability to collaborate effectively in diverse teams.

Education

Lalitpur Engineering College

Bachelor in Computer Engineering

2020 – 2025(still running)

Lalitpur , Nepal

Relevant Coursework

- | | | | |
|------------------------|-----------------------|---------------------------|-------------------------|
| • Data Structures | • Algorithms Analysis | • Artificial Intelligence | • Systems Programming |
| • Software Methodology | • Database Management | • Internet Technology | • Computer Architecture |

Projects

DDoS Attack Detection and Mitigation System | *Networking, Network Security*

(Ongoing)

- Developing a system to detect and mitigate Distributed Denial of Service (DDoS) attacks, focusing on enhancing network security and reliability.
- Implementing traffic monitoring techniques to identify malicious patterns and prevent service disruptions.
- Exploring and applying algorithms for efficient detection and real-time mitigation of network threats.
- Utilizing tools like Mininet and networking frameworks to analyze and manage network traffic effectively.

EduApp | *React Native, Firebase, Expo*

December 2024

- Developed a mobile application tailored for schools, providing distinct interfaces for teachers and parents.
- Implemented real-time data synchronization and secure user authentication using Firebase.
- Designed and optimized a user-friendly interface to ensure seamless navigation and functionality on various mobile devices.
- Utilized React Native's state management techniques (e.g., useState) and Expo for efficient development and deployment.

Netflix Clone | *React, Vite, Firebase*

October 2024

- Developed a scalable Netflix-like application using React and Vite for optimized performance and fast development.
- Designed a responsive UI/UX to ensure compatibility across mobile and desktop devices.
- Leveraged Firebase for secure user authentication and real-time data management, optimizing scalability and strengthening security.
- Utilized React state management techniques (e.g., useState, useContext) to enhance performance and user experience.

Job Search Web app | *HTML, CSS, React , Node, MongoDB*

July 2023

- Built a fully functional job search web application using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Implemented user authentication (login/signup) and profile management features for improved security and user experience.
- Integrated RESTful APIs to provide job search functionality with filtering and sorting features based on user preferences.
- Ensured responsive design for seamless mobile and desktop usage, improving user engagement and accessibility.

Jodi Finder | *HTML, CSS, React, Node, MongoDB*

May 2023

- Built a matchmaking platform using the MERN stack, connecting individuals based on shared interests.
- Developed an intelligent matching algorithm to suggest compatible users for better connections.
- Focused on crafting an easy-to-navigate, responsive interface for an optimal experience on all devices.

Technical Skills

Languages: JavaScript, C/C++, HTML/CSS ,Python

Developer Tools: VS Code, Google collab, Postman

Databases: MongoDB, MySQL

Technologies/Frameworks: GitHub, WordPress, Latex