PRAVESH SHRESTHA

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PROFILE

A highly motivated Computer Engineering graduate from NAST College with strong communication skills and a proven ability to quickly learn and adapt to new technologies. Currently working as a Full Stack Developer (Laravel) with over **7** months of hands-on experience in designing, developing, and maintaining dynamic web applications. Passionate about leveraging programming and analytical skills to contribute to the telecommunications and software development **sectors**, driving innovation and system optimization.

SKILLS

Technical Skill:
- **Frameworks**: Laravel (intermediate).
- **Networking**: Basics of TCP/IP, Routing & Switching.
- **Embedded Systems**: Arduino, Microcontrollers.
- **Programming Language**: JavaScript (intermediate), C (basics), C++ (basics), C# (basics), php (intermediate), HTML (intermediate), CSS (intermediate).
- **Database**: MySQL.

Soft Skills:
- Problem-solving, Communication, Time Management, Adaptability.

PROFESSIONAL EXPERIENCE

Full Stack Laravel Developer
Sikinchha Academy | January 2025 – October 2025
- Maintained and enhanced existing web applications developed in Laravel.
- Designed and implemented new features and responsive landing pages to improve user engagement.
- Managed and optimized database tables, ensuring data integrity and performance.
- Integrated **Google Sign-In/Login** functionality for seamless user authentication.
- Developed secure user authentication and authorization systems.
- Collaborated with team members to troubleshoot, debug, and deploy updates efficiently.
- Optimized the query for the better performance of data loading in the site.

PROJECT

CATERING BOOKING SYSTEM
- This is the web application for removing manual catering system by the digital system.
- Handled user and service management similar to client-handling software used in telecom environments.
- In this project I've used the Laravel framework and I have made both front-end and back-end. The have used HTML, CSS & JavaScript for the front-end and php for the back-end in this project.
- This system serves three user screens admin, catering owner and customer where admin is the owner of the system. Catering owners are the users who registers their catering service to the system and the customers are the person who uses the system for catering booking services.
- This system includes the features like user management, menu management, booking management, location management and sales management.
- Integrated the Map API for efficient location management.
- Git-hub link: https://github.com/Sir-Pravesh/Catering-Project.git

8X8X8 LED CUBE

- Demonstrated basic principles of signal processing and embedded systems, relevant for telecom hardware development.
- A project focused on creating a 3D visually appealing 8x8x8 LED cube using Arduino nano. This LED cube showed some cool animation according to the program and helps to visualize the information.
- In this project, I contributed by skillfully soldering LEDs and programming the Arduino Nano using the Arduino IDE, ensuring precise and efficient execution.

SIMPLE CALCULATOR

- Made a calculator using the React.js using the useReducer hook.
- This calculator app helps to do some basics calculations that a normal calculator can perform.
- Git-hub link: https://github.com/Sir-Pravesh/Calculator.git

DENTAL MANAGEMENT SYSTEM

- This is the desktop-based system build in dotnet framework using C# programming language.
- Integrated scheduling and data storage using C# and SQL, showcasing skills useful in telecom's customer and operations management.
- This system includes the features like the Patient registration, Doctor's appointment, Inventory management and Billing.
- This system also facilitates scheduling appointments with doctors based on their availability.
- In this project, I had used the MsSQL database for storing all the data within the system and used the C# programming language for frontend and Backend technologies.

EDUCATION

National Academy of Science and Technology   Dhangadhi, Kailali | 2019 - 2024

- B.E. Computer (OCE, 3.1 CGPA)

National Academy of Science and Technology   Dhangadhi, Kailali | 2017 – 2019

- +2 Science | (NEB, 2.57 CGPA)

Stepping Stone English School   Dhangadhi, Kailali | 2017

- SEE | (NEB, 3.45 GPA)

ACHIEVEMENT

Executive member at NAST IT Club   2022-2024

- Worked as an executive member in the NAST IT Club of NAST College.
- Successfully conducted Idea Tank, Type Master I and II, NAST Videography.

Participated in Data Management and Analysis   May 29 to 31, 2024

- Participated on a 3-day workshop on Data Management and Analysis organized by **RMC**, **NAST**.

Placed 3rd in the inter-school chess competition.   2015

- Won 3rd place in the inter-school chess competition at Stepping Stone English School while in 8th grade.

ADDITIONAL SKILLS

- **Languages:** Nepali (Native), English (Fluent), Hindi (Fluent).
- **Technical Skills**: Microsoft Office (Word, Excel, PowerPoint).
- **Media Editing Tool**: Blender, CapCut, Canva.