YUJAN RAI

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GitHub:

PROFESSIONAL SUMMARY

Motivated and detail-focused BCA student with a solid background in full-stack web development, particularly in PHP and the MERN stack. Enjoys solving real-world problems through scalable and efficient web applications. Passionate about continuous learning and improving systems through creative solutions.

EDUCATION

Bachelor in Computer Application (BCA) | Kathmandu Siksha Campus (Expected Graduation: 2026)

Science (Grade 12) | Jana Jagriti Secondary School GPA: 2.86 | Year: 2021

SEE (Grade 10) | Jana Jagriti Secondary School GPA: 2.85 | Year: 2019

SKILLS

- Programming Languages: JavaScript, C, Java, Python, PHP, C#
- Frontend: HTML, CSS, JavaScript, Bootstrap 5, React, Tailwind CSS
- Backend: Node.js (Express.js), PHP, .NET
- Full Stack: MERN Stack (MongoDB, Express.js, React, Node.js)
- Database: MySQL, MongoDB
- Tools & Technologies: GitHub, Figma, Postman, WordPress, Microsoft Office
- Soft Skills: Communication, Team Leadership, Problem Solving, Organizational Skills

PROJECTS

1. Roomix - Room Rental Management System

GitHub: https://github.com/yujanThulung/Roomix-Collage-project

Technologies Used: PHP, MySQL, HTML, CSS, Bootstrap 5, JavaScript

Description: Roomix is a modern system for renting rooms and flats, built to simplify the process of finding and leasing accommodations. It offers a multi-role platform for tenants, landlords, and admins.

Key Features:

- Built full-stack system using PHP and MySQL for data handling
- Tenants can register, search rooms/flats by location & category, and send rent requests
- Landlords can register and list properties with detailed room information
- Admin panel to manage users and property listings

- Responsive front-end designed with HTML, CSS, and Bootstrap 5

2. NuroStock - Stock Price Prediction Platform

Technologies Used: MERN Stack, Flask, NumPy, TensorFlow, LSTM

GitHub: https://github.com/yujanThulung/StockProject

Description: NuroStock is a stock market prediction website that uses deep learning to forecast closing prices of stocks using historical data. Aimed at simplifying stock analysis for both novice and professional traders.

Key Features:

- Built using MERN stack with Flask backend for machine learning model
- LSTM-based neural network for accurate time-series prediction
- Features include: Close, Volume, SMA_50, RSI, MACD
- Interactive data visualization with historical and predictive insights
- Secure user authentication and smart watchlist feature
- Real-time market stats, top gainers/losers, and smart notifications
- Simple and intuitive UI for easy navigation

3. News Portal Website – WordPress CMS
Technologies Used: WordPress, Elementor, Plugins, Custom CSS
Description: Created a basic news portal website using WordPress CMS. Gained hands-on experience with theme customization, plugin integration, and content layout using page builders.

Key Features:
- Implemented dynamic news sections, category filters, and navigation
- Customized UI components using Elementor and custom CSS
- Integrated essential plugins for performance and SEO

EXPERIENCE

Teaching | Salyansthan Secondary School (2023 - 2024)

- Taught Math and Science to Grades 1 to 5 with engaging and interactive methods

- Delivered customized lessons to support students' diverse needs

POSITION AND RESPONSIBILITY

Chairman, Science Research Club | Jana Jagriti Secondary (2019 - 2021)
- Organized school-level competitions and published monthly mural magazine
- Led awareness campaigns and school event coordination during pandemic

HIGHLIGHTS MATCHING JOB REQUIREMENTS

- Pursuing BCA with strong foundation in Computer Science
- Developed Roomix using PHP and MySQL with full CRUD features
- Built NuroStock using MERN stack and integrated machine learning with Flask
- Created WordPress-based news portal website (basic CMS experience)
- Strong understanding of HTML, CSS, JavaScript, and frontend frameworks