

Raju Kumar Yadav

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EDUCATION

IOE Pulchowk Campus

Bachelor in Computer Engineering

- 74% average till now

Lalitpur, Nepal

Nov. 2019 – April 2024

GoldenGate International Secondary School,Bagmati

+2 Mathematics

- 3.5 GPA in Grade 12 (CGPA - 3.57)

Kathmandu, Nepal

2017- 2019

Viswa Niketan Secondary School,Bagmati

School Level

- 3.65 GPA in SEE

Kathmandu, Nepal

TECHNICAL SKILLS

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

Frameworks/Libraries: Node.js, React.js, Express.js, Redux, NextJS14

Developer Tools: Git, Postman, VS Code, Visual Studio, Cisco Packet Tracer

Soft Skills: Communication Skill, Teamwork, Collaboration, Problem-Solving Ability, Time Management, Adaptable, Flexible, Creative, Motivated, Quick Learner

Databases: SQL (PostgreSQL, SQLite), NoSQL (MongoDB)

PROJECTS

Maithili NewsPortal with BERT-powered Backend | [Link](#) | *Reactjs, Bootstrap, CSS, JSON*

- Our flagship project boasts a user-friendly, responsive UI crafted with ReactJs, Bootstrap, and CSS. Experience its seamless interface hosted on the free Netlify server under the domain [Link](#)
- Frontend of our major project where news from backend are fetched using fetchuri and then presented in 10 different categories.

Agricultural Marketplace | [Link](#) | *React.js, Django, SQLite3, PostgreSQL, CSS, Bootstrap*

- The Agricultural Marketplace project is built with ReactJS for the frontend and Django for the backend. It provides a user-friendly interface for both buyers and sellers to interact with the platform. This project was completed in fulfilment of college minor project.

Nepali Harvest - Predicting Plant Health and Optimum Harvest Times | [Link](#) |

React.js, Express.js, MongoDB,Python, Flask

- Unveiling the future of agriculture: Anticipating plant well-being and ideal harvest windows.
- FlaskAPI powers the machine learning model, while ExpressJs and MongoDB streamline the login/signup processes.

LookScout | [Link](#) | *Reactjs, ExpressJs, MongoDB, Bootstrap, CSS*

- LookScout is a basic full-stack web application developed as part of a pre-interview task for an internship in full-stack development. The project utilizes React.js, Bootstrap, and CSS for the frontend, and Express.js for the backend. A contact form is integrated and connected to the backend, functioning seamlessly.
- Project is hosted on | [Link](#)

ICTC Web CMS | [Link](#) | *React.js, Express.js, MongoDB, CSS, Bootstrap*

- Implemented web CMS for ICTC pulchowk Campus to allow admin to manage content in ICTC website easily

Newsapp | [Link](#) | *Reactjs, Bootstrap,*

- This project is centered around fetching news from a free API and displaying it using ReactJS and Bootstrap.

inotebook | [Link](#) | *React.js, Express.js, MongoDB, Bootstrap, CSS*

- My inaugural project is a comprehensive CRUD system featuring ReactJS for the frontend, Bootstrap for styling and responsiveness, ExpressJS for the backend, and MongoDB for data storage. It revolves around user-oriented note retrieval and storage, embodying a key milestone in my development journey.

AWARDS/ACHIEVEMENTS

Winner — Best AI Project in DeltaThon

Runner Up — Frontend web development competition Organized by ACES

2nd Runner Up — Dataverse Organized by DOCSUMO

Top 5 — Spirathon (National Level Hackathon Organized by Spiralogics)

CERTIFICATIONS

Supervised Machine Learning: Regression and Classification — Coursera & DeepLearning.AI | [Link](#)

React.js — ACES

NextJS14 — Youtube

Express.js, Redux, MongoDB — Youtube

Basic Python — Samsung Innovation Campus

Microsoft Innovative Educator (Azure) — Microsoft Education Center | [Link](#)

AWS Academy Graduate - AWS Academy Data Engineering [68219] — AWS | [Link](#)

COMMUNITY ENGAGEMENT

Secretary

2024

Saraswati Puja Committee, Pulchowk Campus

- Worked with a team to coordinate a large-scale Saraswati Puja event at our college, attracting approximately 20,000 attendees throughout the day.

Computer Programming Instructor

2022

IOE Purwanchal Campus

- Taught Computer Programming course to junior students based on IOE syllabus.