Raju Kumar Yadav

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EDUCATION

IOE Pulchowk Campus — Lalitpur, Nepal
Bachelor in Computer Engineering — *Nov. 2019 – April 2024*
- 74% average till now

GoldenGate International Secondary School,Bagmati — Kathmandu, Nepal
+2 Mathematics — *2017- 2019*
- 3.5 GPA in Grade 12 (CGPA - 3.57)

Viswa Niketan Secondary School,Bagmati — Kathmandu, Nepal
School Level
- 3.65 GPA in SEE

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, PostgresSQL, 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.