

# 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

**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

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**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 Spiralogsics)

## CERTIFICATIONS

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

**React.js** — ACES

**Express.js, 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

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**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.