

Nitesh Raya

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Experience

Braindigit | Dot net developer

Jan 2025 – present

- Architected and Implemented scalable features for a high-traffic, Multi-Tenant Learning Management System (LMS) using ASP.NET Core, ensuring strict data isolation and performance across diverse client environments.
- Implemented Custom script injection in ASP.NET framework “Contender” like the Wordpress for drag and drop website creation.
- Collaborated in an Agile environment to deliver full-stack functionality, integrating complex back-end logic with modern front-end components.

Education

Damak Multiple Campus | Damak, Jhapa

2021– 2025

Bachelor's Degree in BCA : 3.65

Adarsha | Ilam, Nepal

2018– 2020

+2 : 3.55/4.0

Samata School | Ilam, Nepal

2016– 2018

SEE : 3.70/4.0

2017– 2018

Skills

- **Languages:** C#, Python, Java, JavaScript, , SQL, Bash, ZSH
- **Framework:** ASP.NET, Django, Django Rest Framework, Flask, React,
- **Web/UI:** TypeScript, HTML5, CSS3, Tailwind CSS, Bootstrap, Material-UI
- **Tools:** Docker, GIT, PostgreSQL, MySQL, Redis
- **Others:** Teamwork, Communication, Time Management

Activities

Braindigit | Internship

Nov 2024 – Jan 2025

Full-Stack Developer

- Wrote multiple rest-api using C# (asp.net core).
- Learned React, Tailwind and Material-UI building multiple projects.
- Completed Employees Ticket Management System in asp.net core and react.

IIC (Itahari International College) | Hackathon

Jun 12, 2024 – Jun 14, 2024

Backend Developer

- Developed and implemented a system to cope with “Mental Health and Well-Being of Students”.
- Designed UI with Canva, with the features for “Precautionary Measures | Preliminary Stage Support | Post Stage Support.

Workshop

Aug 4, 2024 – Aug 11 2024

Tutor Assistant

- Actively assisted to teach basic web development (html, css, js).
- Helped me shape my communication skill along with the explanation of the topic I understand.

Projects

- **Biruwa Care:** A web Application that uses an AI model (Machine Learning Model) to detect the disease of the plant and shows the information and solution of the disease.

[Github](#)

- Trained my Machine Learning Model with open source Kaggle dataset with more than 80k healthy and infected plant images using python libraries like TensorFlow, NumPy which is implemented using CNN concept.
- Integrated my model with Django to give the output in a readable and easy to consume information. · A location-based weather provider where users can easily give access to their location for the accurate data or can select any region from the google map.
- In addition to PostgreSQL another complex database PostGIS is used for storage of latitude and longitude of the user.
- Everything is production ready as it is fully developed in the Docker environment.

- **Ecommerce with Khalti:** An ecommerce website made with django and khalti payment integration.

[Github](#)

- Wrote advanced models to design complex databases for storing products, users, categories etc. · Consumed bootstrap to rapidly develop front-end of the project along with custom css , fonts and icons(fonts awesome).

- Designed a full flex user login with google and other social accounts with all the necessary features for a good ecommerce experience.
- SQLite3 database is used to store the data with complex search and filter functionalities.

- **Mero Blogs:** A personal hobby project where I plan to write my blogs about tech and non-tech things.

Github

- A secure authentication with all the required securities measures functionality.
- Implemented rich text editor (CK-Editor) to write posts.
- Like and follow the author function to make liked posts and users manageable and for recommendation of the post.

- **Flash-card:** Inspired from the Anki project (A flash card app) I tried to build my own custom flash card system which is used to learn and remember things for anything.

Github

- A simple yet clean and beautiful web app with simple functionality to create, delete and update the cards.
- Added social login for a convenient authentication system.
- Deployed the project on Vercel and ElephantSQL for the database.