

Samman Babu Amgain

Computer Engineer

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Aspiring software developer seeking to apply technical skills and creativity to contribute to a dynamic organization

EXPERIENCE

Software Engineering Fellowship

Kathmandu

Leapfrog Technology Inc.

May, 2024 - Jun, 2024

- Contributed to the development of front-end designs by utilizing HTML and CSS . [First_project link](#) , [Second_project link](#)
- Designed and implemented multiple game projects using Typescript and html canvas, including Doodle jump, pacMan game, car lane game, and Ball collision.:
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EDUCATION

Computer Engineering

Kathmandu

Thapathali Campus

Oct, 2019 - Jul, 2024

PROJECTS

Math word equation generator and solver using T5 model and policy based RL

- Utilized the pre-trained T5 model
- Dataset preparation having equation and question column
- fine tuned model on dataset
- implemented Reinforcement learning using PPO algorithm by utilizing TRL library

https://github.com/sammanamgain/Equation_generator_and_solver_using_t5

REAL-ESTATE MERN PROJECT

- web app that simplifies property listing and search using MongoDB, React, and Node.js.
- features like authentication, listing management, image upload via Firebase
- optimized search filters,

https://github.com/sammanamgain/MERN_REAL_ESTATE

Period Tracker using Arima and Flutter

- Utilizes ARIMA model for cycle prediction based on age, cycle length, and period data.
- Flutter app with Flask API, Firebase authentication, and Firestore.
- Features include notifications, Nepali calendar, stats, symptoms tracking, and content UI

<https://github.com/sammanamgain/Menstrual-cycle-predictor-with-using-arima-model-and-flutter>

Expense Tracker

- Django-based Expense Tracker
- seamless CRUD operations for easy expense management.
- Effortlessly create, view, update, and delete expenses
- Utilizing an SQLite database for secure storage of expense details.

https://github.com/sammanamgain/Expense_Tracker

TRAINING/CERTIFICATIONS

Advanced React

2023

Coursera, META

It is the course created by Meta at coursera

Udemy

It is Udemy course created by Jonas Schmedtmann

SKILLS

HTML, CSS, Javascript, Node js Express js, React JS, python & Django, Git / Github, Databases (MySQL MongoDB)