Binaya Sharma

Software Engineer

binayasharma11@gmail.com

Kathmandu, Nepal

in linkedin.com/in/binaya-sharma

(+977) 9860117200

bnaysharma.com.np

github.com/binaya07

WORK EXPERIENCE

Software Engineer

Leapfrog Technology Inc.

10/2019 - 10/2021

Kathmandu, Nepal

Achievements/Tasks

- Develop and maintain APIs using back-end frameworks such as Micronaut, Django.
- Create reusable web components using JS, HTML, and CSS according to company standards.
- Collaborate with clients and end-users to collect requirements and provide implementation/demos.
- Design and develop database entities (tables, views, triggers, stored procedures, indexes, sequences).
- Improve the performance of ETL/SQL processes, APIs, and web components to ensure timely response and data reliability.
- · Conduct KSS (Knowledge Sharing Sessions).

BI Intern

LIS Nepal

05/2019 - 08/2019 Lalitpur, Nepal

Achievements/Tasks

- Understand the ETL process being used for a chain retail company.
- Write Python and SQL scripts to carry out ETL processes.
- Generate BI reports using MicroStrategy.

PERSONAL PROJECTS

AI Chess (11/2019) 2

- Implemented rules of Chess using vanilla JavaScript.
- Two playing modes Single player with bot and 2 players.
- Used Depth First Search with Alpha-Beta pruning to calculate best move for bot.

- Trained an SVM model to classify handwritten digits.
- Used MNIST handwritten digit dataset.

Pustak (05/2018) 🗷

- Mobile app for buying and selling second hand books.
- Bookstores can also register their stores to the app.
- Users can search for registered bookstores on the in-built map and they have the option to sort the bookstores based on the nearest location.

EDUCATION

Bachelors in Computer Engineering

Kathmandu Engineering College, Tribhuvan University

SKILLS



PAPERS PRESENTED

Virtual Self Driving Car (11/2019)

Developed a neural network model to predict the movement of a vehicle in CARLA simulator using only image sensors.

ADDITIONAL COURSES

What is Data Science (04/2019)

Coursera

30 Days of ML (08/2021) Kaggle

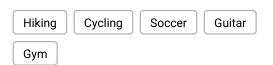
TEACHING EXPERIENCE

Code in Place 2021 (04/2021 - 05/2021) Section Leader

Leapfrog 31st batch internship (06/2021)

Mentor

EXTRACURRICULAR/HOBBIES



10/2016 - 09/2019 78.93%