

Oshan Shrestha

Web Developer / Data Engineer

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Professional Experiences

Freelance Contractor, *Freelancer.com*

Took several projects from handful of clients, mainly focused on full-stack web development and some focused on data collection as well as analysis. Learned the way of remote working while focusing on timely delivery of contracts and efficient implementation of existing knowledge.

10.2021 – present
Remote, Online

Frontend Developer, *BurgeonTech Pvt. Ltd.*

Leading several projects on UI design and implementation keeping in mind the usefulness of the content as well as the user experience through rigorous tests and constant communication between team members in order to maximize our contribution to the goals of the company.

12.2020 – present
Dhulikhel, Nepal

Projects

Purliu, *Digitization & Automation*

Successfully carried out an academic project to automate the cash-card top-up process in Canteen Management System in Kathmandu University by incorporating e-payment gateway and online wallets integration with custom and strong transaction verification server

09.2021 – 01.2022

Routine Management System, *Digitization & Automation*

Academic project undertaken in a team of three Computer Science students with constant and fruitful guidance of Department of Computer Science & Engineering [KU] in an attempt to digitize and automate the traditional and manual procedures of routine and resources scheduling system in Kathmandu University.

04.2021 – 07.2021

Education

B.Sc. Computer Science, *Kathmandu University*

- Machine Learning (ML) fundamentals and applications of ML in Artificial Intelligence.
- Theory of Computation, Compiler Design and Information Securities.
- Data Structures, Algorithms and Complexities.
- Computer Graphics, Networking and Database Design.
- Probability and Statistics as well as Combinatorics, Differential Equations.
- Programming fundamentals, Object Oriented Programming and Dynamic Programming.
- Computer Architecture and Organisation, Operating Systems and Operational Research.

08.2018 – present
Dhulikhel, Nepal

Skills

Backend Web Development (*FastAPI, ExpressJS, GraphQL, OAuth2, MongoDB, Prisma, SQLAlchemy*)

Frontend Web Development (*ReactJS, NextJS, Tailwind CSS, Ant Design, Figma*)

Data Science (*Pandas, Numpy, Matplotlib, Seaborn, Tensorflow, sk-learn*)