

# Oshan Shrestha

Web Developer / Data Engineer

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As an experienced Frontend Developer, I have expertise in creating responsive and user-friendly interfaces using ReactJS and supplementary tools. I have a proven track record of delivering high-quality code and collaborating effectively with cross-functional teams. Seeking a full-time Frontend Developer role to leverage my skills and experience in driving innovation and delivering outstanding results.

## Professional Experiences

<b>Frontend Developer, BurgeonTech Pvt. Ltd.</b>	12.2020 – 02.2023
<ul style="list-style-type: none"><li>Designed and implemented user-facing interfaces that aligned with the product vision and business goals while enhancing user experience.</li><li>Utilized modern frontend frameworks such as React and NextJS along with CSS-in-JS libraries such as Styled-Components.</li><li>Presented deep understanding of web accessibility standards to ensure and improve accessibility for all target users of several projects.</li></ul>	Dhulikhel, Nepal

## Projects

<b>Feature Selection for Binary Classification, Machine Learning</b>	07.2022 – 09.2022
<ul style="list-style-type: none"><li>Academic project studying the processes of feature selection for binary classification.</li><li>Built several Artificial Neural Networks (ANNs) to test different sets of features against their efficiency and accuracy.</li><li>Implemented feature extraction techniques such as Feature Ranking, Univariate Feature Selection, Recursive Feature Elimination.</li></ul>	
<b>Purlicue, Digitization &amp; Automation</b>	09.2021 – 01.2022
<ul style="list-style-type: none"><li>An academic project to automate the cash-card top-up process in Canteen Management System in Kathmandu University.</li><li>Incorporated e-payment gateway and online wallets integration with custom transaction verification server.</li><li>Built a user platform for students &amp; teachers to seamlessly update their cash cards.</li></ul>	
<b>Routine Management System, Digitization &amp; Automation</b>	04.2021 – 07.2021
<ul style="list-style-type: none"><li>Academic project undertaken in a team of three Computer Science students under direct supervision of Department of Computer Science &amp; Engineering [KU].</li><li>We built a digital platform to automate the traditional procedures of routine and resources scheduling system in Kathmandu University.</li></ul>	

## Education

<b>B.Sc. Computer Science, Kathmandu University</b>	08.2018 – present
<ul style="list-style-type: none"><li>Machine Learning (ML) fundamentals and its applications in Artificial Intelligence. Data Structures, Algorithms and Complexities.</li><li>Compiler Design, Theory of Computation and Information Security studies.</li><li>Object Oriented &amp; Dynamic Programming. Probability and Statistics, Differential Equations &amp; Combinatorics and Operational Research.</li><li>Networking &amp; Database Design. Computer Architecture &amp; Organisation, Operating Systems. Software Engineering &amp; Dependability studies.</li></ul>	Dhulikhel, Nepal

## Skills

**Frontend Web Development** (ReactJS, NextJS, Redux, Vite, Vercel, Tailwind, Ant Design, Figma)  
**Backend Web Development** (FastAPI, ExpressJS, JWT, MongoDB, PostgreSQL, Prisma, SQLAlchemy)  
**Data Engineering** (PySpark, Tensorflow, scikit-learn, Pandas, Numpy, Matplotlib, Seaborn)