Niraj Khatiwada

A motivated React developer and enthusiast interested in building modern, well-constructed web and mobile application.

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EDUCATION

Bachelors in Electronics and Communication
Kathmandu University
2015 – 2019

CGPA
— 3.44

PROFESSIONAL SUMMARY

> Proficient in Javascript library, React for building single page application with good understanding of both class based and function based component along with most of the modern hooks.

> Excellent in core features of React like Routers(Simple Routing, Lazy Routing, Nested Routing), Selectors in React, JSX, State Normalization, Styled Components, Higher Order or Container Patterns, Memoization, GZipping and Compression, React and Redux Dev Tools and many more.

> Excellent in using the state management library for React, Redux and Redux thunk as well as Redux Saga's for asynchronous requests.

> Strong understanding of modern ES6 features, Webpack and Babel

> Very strong understanding of CSS framework Bootstrap and React UI framework Material UI for quick UI development.

> Experience with the UI and UX design tool Figma and prototyping is done using Framer

> Very good understanding of React animation library Framer motion.

> Hands on experience with React native.

> Strong understanding of backend web development using Python(Django) and Django REST framework building robust API's with core authentication and permission implementation for security.

> Strong knowledge of Relational Database Management System, PostgreSQL for database design.

> Strong knowledge on unit testing in React following the best practice for Test Driven Development (TDD) protocol and automating the test and code linting with Travis CI.

> Good understanding of REST API testing using Postman.

> Good knowledge of React testing engines like Enzyme and Jest.

> Strong knowledge of deploying either the pure frontend or fullstack projects to cloud hosting platform, Heroku.

> Fluent in implementation of error tracking in React projects with Sentry in production to know where the error occcured exactly in client side.

> Good knowledge of NodeJS and node package manager(npm).

> Good knowledge in maintaining version control system, Git

> Focused on performance optimization in React, usability and best up-to date practices

> Comfortable with remote work and ability to prioritize work and multi-task to meet the strict deadline.

SKILLS

`React` `Redux` `React Native`

`Javascript(ES6)` `Webpack & Babel`

`Figma and Framer` `Python(Django)`

`Django REST Framework(REST API)`

`Postman` `HTML, CSS3 & Sass`

`Bootstrap4 & Material UI` `Sentry`

`Enzyme & Jest` `Travis CI` `Git`

PROJECTS

ATM Status and Bank Finder-Full Stack Project(React and Django) ↗
This full stack project helps user to find the bank, their branches location and their ATM location and ATM status within Kathmandu. It uses Leaflet JS for displaying map and location using OpenStreet API. This project has a lot to talk about so every details of it can be found on my github.

Ecommerce website(React and Firebase) ↗
A full fledged ecommerce website using React, Redux, Firebase for backend and Google Oauth for user credentials. Complete detail can be found on my github.

Learning Management System using React & Django ↗
A learning system (like Moodle but specially focused in context of Nepal) that utilizes multi-authentication system for login and signup(Manager, Teacher and Student), email backends and many more.

Kathmandu Post Scraping with Python ↗
Used Python's web scraping framework Scrapy to extract news from Kathmandu Post and display all the news without ads and annotations. The scraped site was built using Django.

Color Pallette- pure React app ↗
A mockup similar to Flat UI combined with Material UI colors that contains bunch of color palettes with dynamic intensities. This project uses pure React that implements all of its core functionalities.

All other projects can be found on my github profile ↗

QUALIFICATIONS

Machine Learning Engineer, Internship-TreeLeaf.ai (09/2019 – 12/2019)
Object Classification using YOLO - Main task was to detect and classify people and their carrying goods in real time using CCTV footage and count them using You Only Look Once (YOLO v3). Project was rendered through Django.

Web Developer (Django & React), Internship-IIT Nepal (01/2020 – Before Lockdown)
Before this pandemic, I was performing my Intership in Django & React in IIT Nepal, Bagbazaar. During that period I gain the deep understanding of Django REST Framework and how to connect the frontend with the backend using REST API.