Sanil Manandhar

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EDUCATION

Bachelors in Computer Engineering, Tribhuvan University   [2016-2020]
Kathmandu Engineering College, Kalimati

Year	Percentage Obtained
I/I	86.21%
I/II	85.08
II/I	84%
II/II	81.78%
III/I	82.97%
III/II	81.58%

+2 in Science, Higher Secondary Education Board   [2015-2016]
V.S.Niketan Higher Secondary School, Tinkune   [80.30%]

SLC   [2014]
V.S.Niketan, Thapathali   [88.88%]

SKILLS

- HTML, CSS, PHP, Laravel, MySQL
- C/C++ programming
- Proficient in using MS Office
- Git and Github
- Photoshop

EXPERIENCE

Programmer (Junior Web Developer)   December 2020 – Present

- Manage server-side code and database
- Worked on different projects some of which are explained below:

1. Rehab Website
   This is a website developed for managing clients of a Rehab. The website has different features such as users with roles and permissions for being able to access different parts of the website. Some features implemented by me on the site are:
   - Assignment of role and permissions by admin
   - Recording of different client's information including any special conditions and any and all payments made to the company
   - Recording staff's information including attendance reports and salary reports
   - Recording of any third part companies with which the company performs transactions along with information of such transactions
   - Feature to record information about any health check, counselling, outing done for the clients
   - Notification feature
   - Different statistical graphs showing different information
   - Separate guardian login section where the guardian of clients can login to view all kinds of health reports, counselling reports, outing reports, payment report and so on

   Link to site: https://rehab.revonepal.com/
   The admin login for the site is: Email – admin@admin.com
   Password – password

2. KunPhone
   This is a site for buying and selling used and new phones. The features for which I am responsible are:
   - Contact us page for sending mails using Mailable to the site owner
   - Database management of mobile phone models, old phones received by site owner for selling on site as well as any new phone model ready to be sold via site
   - Blogs part for creating, editing and viewing different blogs
   - Managing different product orders, users, user profiles and vendors
   - Separate vendor and admin login
   - Reviews, questions and faq backend
   - Implementation of search using Algolia

Link to site: https://phone.revonepal.com/
Admin Login: Email – admin@admin.com
Password – password
Vendor Login example: Email – sanilmanandhar@gmail.com
Password – password

3. Tajamandi

This is a site for buying of essential goods. Consists of all kinds of products ranging from groceries to meat products, dog foods, rice and so on. The features for which I am responsible are:

- Managing users, permissions, products, categories and so on
- Managing orders, carts, user profiles, vendors
- Different statistical graphs for displaying different information
- Blogs part, search using Alogia, sending mails using Mailable
- Cookbook part i.e. backend section showing different recipes for cooking food, ingredients required and adding ingredients to cart for buying
- Request product section for requesting product not available on site

Link to site: https://tajamandi.com/
Admin Login: Email – admin@admin.com
Password - password

Other than the projects mentioned above, I have experience working on sites such as:

- RevoDeals – A site for buying and selling clothes. Link: https://deals.revonepal.com/
- Yozana – A Government project for managing different budget allocations, and other information. Link: https://yozana.revonepal.com/

The tasks performed by me are similar to the ones performed in previous mentioned projects.

OTHER PROJECTS

- **Job Portal**

Job Portal is a PHP based project. HTML, CSS along with bootstrap and very less portions of JavaScript has been used for the frontend portion. The website has two types of users i.e. job provider and job seeker. For signing up to the website, verification process is done so that user without a valid email address will not be able to create an account. Job providers can post jobs, see applications for vacancy posts that they have created and approve or disregard the applications from seekers. Admin has to approve the vacancy posts for them to be available for seekers to apply. Job seekers can upload their CV, apply for the different vacancy posts and see all jobs that they have applied for. Messages are sent to required authorities when job

posts are approved or rejected by admin or when seekers apply for jobs or if providers approve or reject job applications from seekers.

- **Buy & Sell**
  A simple PHP based project that utilizes CRUD operations. Simple UI designed using HTML, CSS and backend done using PHP. The website focuses on two types of user's customers and salesmen. Salesman are able to upload all of their products with details of their prices and customers are able to search for the required item and find the desired item in ascending order of price from different salesman.

- **Simple slider and contact form**
  In this project there is a simple slider present in the home page that is made using only HTML and CSS. The navigation bar has an option to go to the contact page where user will find a contact form containing credentials to fill and a message to send to the creator i.e. me. The mailing system is made using PHP mailer with Gmail smtp. There is also a recaptcha present to verify that the user is a human and not a robot. Also, all information sent to the mail is also stored on the database.

- **"Mero Wallet" an expense tracking app**
  This is the minor project for the 3rd year of my Bachelor study. "Mero Wallet" is an expense tracking app that records user's day to day transactions along with different details such as amount, category, date, method of payment, photo, etc. and displays them using different illustrations such as pie chart, bar chart, etc. Users are able to add their own category and the app also has the feature to aware the user when the expense in certain category exceeds the daily average. The app is made using java and android studio.

- **Pokemon Battle Simulation**
  A console game made using C for mini project where two users can pick a pokemon and battle each other.

- **Criminal and Suspicious Activity Detection**
  This is the major project for the 4th year of my Bachelor study. Currently the training and testing of the model for identifying objects in real time videos has been completed.

PARTICIPATIONS

- Dristi 2.0
  Participated in the software exhibition and displayed the working version of "Mero Wallet" at Kathmandu Engineering College.
- Participated in workshops such as "Intro to data science and machine learning with python", Wordpress, CISCO and networking, etc.
- Participated in the hackathon that took place in Kathmandu Engineering College.