Chintan Karki

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Objective

Short-term goal: Excel at frontend development process as a ReactJS developer through a deep understanding of React ecosystem, to develop pixel-perfect face of the software.

Long-term goal: To excel at software engineering process as a whole and strive for making highly useful and efficient software tools using the most efficient and optimal coding practices possible.

Experience and Achievements

- June 2022 – Now

  ### Software Engineer I, Treeleaf.ai, Lalitpur

  Currently building optimized and scalable communication service using Janus WebRTC SFU, integrated with ReactJS using efficient state-management practices, and optimized API workflows to build the AI-integrated flagship product for automation called '**Anydone**'. Configuring **MQTT** to work with **Protocol buffers**, Google's language-neutral, platform-neutral, extensible mechanism for serializing structured data.

- 2nd July 2021 – 2nd December 2021

  ### ReactJS Intern, Codavatar Tech Pvt. Ltd, Kathmandu

  Worked on the frontend part of an analytics and productivity software called timeTracko. Got an excellent opportunity to build optimized components using the core of ReactJS, best state management practices (Redux, Redux-Saga) , Ant design system, tailwindcss, numerous enterprise software development tools and processes.

  Evidence: https://www.linkedin.com/posts/chintan-karki-735b731b2_internship-reactjs-frontend-activity-6888088733896327168-8AR6

- April 2021

  ### Regional Finalist, Hult Prize 2021

  Participated in a globally recognized platform and brainstormed on developing a prototype idea for solving a real-world problem.

  Evidence: https://www.linkedin.com/posts/chintan-karki-735b731b2_hult-certificates-activity-6793398889794932736-Ekbj

- March 2021

  ### Organizing Committee Member, IIC IT Talk Series (On Campus Event)

  Got a great opportunity to work on coordinating one of the flagship events in the college relating to the software industry and current technology trends and accomplished the event on a success.

Skills

- Programming Languages: **JavaScript**, **Python**, **Java**, C#

- Query Languages: **SQL**, **MySQL**, SQLite

- Markup Languages: **HTML**, ASP, **JSX**

- Styling: **CSS**, **TailwindCSS**, **Styled-components**, **etc**

- Tools: **Figma**, **Bash**, **Git**, Gitlab

- Libraries/Frameworks: **ReactJS**, **Redux (Toolkit, Saga), NextJS**, Django, Django REST

- Data Interchange: **JSON**, **Protobuffs**, etc.

Projects

Anydone – An AI integrated workflow automation platform for collaboration and task managements
(UNDER DEVELOPMENT)

Applied and followed some best industry practices of SOLID principles for developing scalable and optimized automation software using **ReactJS**, **Redux, SAGA middleware, MQTT**, **Protocol buffers, Janus SFU for WebRTC**, etc. Also working on the frontend part using **Antd**, **Material UI**, **Styled components**, etc.

Khojbin – A Search Portal for searching products across Nepalese e-commerce platforms
(UNPUBLISHED – Final Year Project)

Utilized the atomic principles for a dynamic component-based Application, where a user can search products across multiple e-commerce vendors in Nepal (viz. Daraz, Sastodeal, Hamrobazaar, etc.) at a single time. SPA Implementation based on **ReactJS**, **Zustand**, **Tailwind, Django REST**, **DRF-Social-oauth2**, **AIOHTTP**, etc.

Timetracko

Was involved in the analytics and productivity software to develop frontend components and functionalities using **antd (Ant design system)**, along with the tailwind stylings. Implementation and build was based upon **ReactJS** ,**Redux (Saga, and Thunk middleware)**.

(**Official Site**: https://timetracko.com/)

Movie Cart Application

Implementation of **ReactJS** along with **Redux** and **Redux SAGA** using **TMDB API** for developing a reactive movie filtering site.
(**Demo/Site**: https://awesome-cart.netlify.app/)
(**GitHub**: https://github.com/Chintan-Karki/shopping-cart)

Color Generator

A simplistic color-generator, that takes a #hex value as input, and generates similar colors in the provided family by Weight, Tint, and Shades. Implementation based in **ValuesJS** and **ReactJS**.
(**Demo/Site**: https://awesome-colors.netlify.app/)
(**GitHub**: https://github.com/Chintan-Karki/react-color-generator)

Certifications and Courses

JavaScript Essential Training (May 2021)

LinkedIn Learning Course Certificate

React.js Essential Training (Jun 2021)

LinkedIn Learning Course Certificate

Crash Course on Python (Sep 2020)

Google

Crash Course on Data Science (Aug 2020)

John Hopkins University SAIS Online

Education

B. Sc(Hons). Computing,

Itahari International College (Sunsari, Nepal)

2019-2022 | First Class Honors

National Examination Board (N.E.B.)

Araniko Higher Secondary School (Morang, Nepal)

2016-2018 | GPA: 3.50

School Leaving Certificate (S.L.C.)

Bal Kalyan Vidya Mandir (Morang, Nepal)

2015 | GPA: 3.80