Karma Zoepa Yoezer

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EDUCATION

Connecticut College　　　　　　　　　　　　　　　　　　　　New London, Connecticut
Bachelor of Arts, Computer Science　　　　　　　　　　　　　　　　　　　　*2019-2025*
- GPA: 3.9
- Relevant Coursework: Data Structures, Discrete Math, Computer Organization, Algorithms, Data Science, Operating Systems
- Publication:　 *Uncovering The Nature And Impact of Affective Feedback In Teaching And Learning*

EXPERIENCE

DeWave | *Full Stack Developer*　　　　　　　　　　　　　　　　January 2024 - Present
- Migrated code base to a monorepo architecture using TurboRepo and created a reusable component library
- Analyzed web bundle size and reduced it by 30% by code splitting, lazy loading and proper tree shaking
- Built a yacht charter platform using NextJS, Supabase and third party APIs
- Developed multiple APIs for the platform using NextJS API routes and cron scripts to synchronize data
- Technologies used: NextJS, React, TypeScript, Supabase, NodeJS, REST, TurboRepo

SELISE | *Jr. Software Engineer*　　　　　　　　　　　　November 2020 - February 2022
- Lead the go-live of a resource management platform project, worth CHF 500,000, for Switzerland's largest retail company within a short duration of 3 months using Angular and REST API.
- Maintained and developed features for a wholesale internet selling portal for one of Switzerland's largest Telco company. Overhauled the 5 year code base from AngularJS to Angular in 6 months using Angular and GraphQL.
- Reduced time taken for new product addition from 1.5 months to 2 weeks. A reduction in time by almost 70%.
- Refactored multiple GraphQL queries to use fragments and directives to reduce query sizes
- Technologies used: Angular, Preact, Redux, NGRX, GraphQL, Git, SCSS, Typescript, BitBucket Piplelines

Pyoor | *Freelance Developer*　　　　　　　　　　　　February 2022 - January 2023
- Maintained and developed features for a vendor booking platform using ReactJS on top of legacy code.
- Integrated Typescript and Redux Toolkit in the project and developed multiple simulation graphs for vendors using apex charts and React.
- End to end delivery from requirement gathering, testing, deployment on netlify and maintenance.
- Technologies used: React, Redux, Git, HTML, CSS, Typescript, Javascript, Github Actions

Connecticut College | *Research Assistant*　　　　　　　March 2020 - September 2020
- Co-authored a research paper on the impact of integrating Sentimental Feedback into classroom activities by analyzing data from two Computer Science courses using sentiment analysis in Python.
- Visualized feedback and sentiment graphs using Python Pandas, NumPy and Matplotlib.
- Technologies used: Python, IBM Watson, Ruby on Rails, Ruby

PROJECTS

Zimchu　　　　　　　　　　　　　　　　　　　　　　　January 2023 - Present
- Developed a Python-based web scraper using Selenium to extract apartment listings from Facebook groups, intercepted API responses, and leveraged ChatGPT API for JSON data extraction from unstructured text.
- Architected and deployed a React-based apartment search platform for Thimphu, achieving 40 daily views and engaging 18+ active users
- Technologies used: React, TypeScript, Supabase, Python, Selenium

Kongtsey　　　　　　　　　　　　　　　　　　　　　　　　May 2020 - July 2020
- Created a python script to scrape questions and answers from past papers.
- Automated question extraction from past papers using Python web scraping
- Technologies used: React, JavaScript, Github Actions, Firebase

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, Ruby, HTML/CSS
Spoken Languages: English, Dzongkha, Hindi, Nepali
Frameworks: Angular, ReactJS, ReactTS, React Native, NextJS, Firebase, Supabase, SQL, GraphQL, REST
Developer Tools: Git, Vim, Github Actions, Bitbucket Pipelines