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• 6476764326

ZHIYU LI

Software Developer

PROFESSIONAL SUMMARY

Front-end Developer with extensive expertise in React.js, NextJS and JavaScript, specializing in creating robust software solutions for businesses. With a solid foundation in Computer Science and certifications like TypeScript Essential Training, consistently deliver high-quality, maintainable code. Demonstrated ability to collaborate with cross-functional teams and enhance user experience through innovative product development.

EMPLOYMENT HISTORY

FRONT-END DEVELOPER   May 2022 - Aug 2024
PowerHub Inc.   *Toronto*

- Spearheading the development of SaaS solutions for Asset Management within the renewable energy industry
- Implemented customized MUI components, which proved highly reusable across multiple app modules
- Championed E2E testing, maintaining a consistent 95% test pass rate to ensure code reliability
- Collaborating seamlessly with cross-functional teams encompassing front-end, back-end, and QA professionals
- Proficiently leveraging React.JS, MUI, Redux Toolkit, React Hook Form, Formik, and Yup for robust development

EDUCATION

BACHELOR OF SCIENCE   Sep 2016 - Jun 2021
University of Toronto   *Toronto*

Major: Computer Science, Cognitive science

Upper-level courses: Data Structure & Analysis Programming on the Web

Interactive Computational Media Design Introduction to artificial intelligence

Cognitive Neuroscience Computer organization

SKILLS

React.js, JavaScript, TypeScript, HTML, CSS, NextJS, Python, MUI, Redux Toolkit, React Hook Form, Formik, Yup, Express, Agile Development, Version Control, REST APIs, Unit Testing.

LINKS

Portfolio: zhiyu-li.netlify.app, LinkedIn: linkedin.com, GitHub: github.com.

ADDITIONAL INFORMATION

BTG - BACKING TRACK GENERATOR
NextJS, React, NextUI, React-howler

- Music Generator App that generates tracks for playback based on user input like key, genre and BPM.
- NextJS for server-side rendering resulting in fast initial load times and smooth animations.
- Utilized YouTube's Public Search API for track sourcing. Implemented a custom music player from react-howler.
- Explore the project here: https://btg-two.vercel.app/

XIV-GEAR SET - FINAL FANTASY 14 CHARACTER GEARSET PLANNER
React, Redux, Express, MUI

- Architected a full-stack application enabling users to seamlessly interact with front-end interface, extracting data from an Express.js back-end that retrieves information from external RESTful APIs
- Designed and implemented intuitive user interfaces using React.js, fostering reusability through component-based layouts
- Explore the project here: https://xivgearset.netlify.app/