Lushi Liu REACT DEVELOPER

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Summary

Recent Top Graduate of University of Toronto Statistics Program specializing in Machine Learning and Data Science with strong skills in NextJs, React and JavaScript. Proven ability in various computer science related skills with academic and professional projects. Participated in JavaScript Mastery, a certified program that delves into practical website development from start to finish. Collaborated with other members to build responsive websites using modern technology stacks such as Next.js, React, etc.

Experience

JavaScript Mastery (2023-2024) – React Developer: A certified program that mimics day-to-day developer workflows while building modern full-stack web applications from scratch. Collaborated with teammates to create contemporary and responsive websites, leveraging Next.js, React, TypeScript, and other modern technology stacks.
Skills acquired: NextJS, React, JavaScript, Typescript, HTML, CSS, Tailwind, Redux, NodeJS, MongoDB, Git, Communication, Team Leadership

Education

University of Toronto, Honors BSc – Specialist Program in Statistics-Statistical Machine Learning and Data Mining Stream (2015-2021)
Relevant courses: Theory of Computing, Design and Analysis of Data Structures, Software Design, Algorithm Design and Analysis

Skills

Hard Skills: NextJs, React, JavaScript, Typescript, HTML, CSS, Tailwind, Redux, NodeJS, MySQL, MongoDB, Git, Data Structures, Algorithms, Python, C

Soft Skills: Adaptable, Organized, Critical Problem Solver, Open Minded, Attention to Detail

Projects

HipNode – Social Media Platform: Architected a collaborative social media platform aimed at fostering vibrant community engagement. Leveraged the power of the MERN stack to build a robust backend infrastructure, integrating real-time messaging with sockets for seamless communication. Utilized NextAuth for ironclad user authentication. Implemented Cloudinary so that users can upload photos and audio files for posting. Harnessed the capability of NextJs, React, TypeScript, Tailwind, MongoDB and NodeJs to deliver a dynamic and feature-rich website.
Tools: NextJs, React, TypeScript, Tailwind, MongoDB, NodeJs, Redux
Website: https://www.lushiliu.com/casestudies/hipnode

Morrent – Car Rental Application: Collaborated on a Team of 4 Developers and Designers to build intuitive interfaces and meet deadlines. Spearheaded the seamless integration of a secure payment gateway using Stripe, ensuring smooth transactions for users.
Tools: NextJs, React, TypeScript, Tailwind, MongoDB, NodeJs, Redux
Website: https://www.lushiliu.com/casestudies/morrent

MindLikes – Developer Forum: A solo-developed platform tailored for developers, facilitating interactive discussions, Q&A sessions, and community engagement. Incorporated advanced search and filtering mechanisms, integrated the OpenAI API for AI-generated responses and implemented a contribution and medal system to incentivize user participation.
Tools: NextJs, React, TypeScript, Tailwind, MongoDB, NodeJs
Website: https://www.lushiliu.com/casestudies/mindlikes

Personal Portfolio Website: Created a personal portfolio using core NextJs tools to showcase my projects and experience. Discussed each project in-depth, laying out the problems, challenges and solutions for each one. Used tailwind and css techniques to make the website dynamic and stand out. Website has the ability to send the owner an email to reach out on an opportunity or ask further questions.
Tools: NextJs, React, TypeScript, Tailwind, NodeJs, Redux
Website: https://www.lushiliu.com/