JEFFERY XIE

✉ Jeffxie27@outlook.com   📍 Saskatoon, SK   🌐 jefferyxie.netlify.app   in linkedin

EDUCATION

UNIVERSITY OF SASKATCHEWAN

Bachelor of Science - Computer Science Major   SEPT 2018 – APRIL 2022

SKILLS AND TECHNOLOGIES

- **Languages**: JavaScript (ES6), HTML5, CSS3, Python, Java
- **Libraries & Frameworks:** React.js, Next.js, TypeScript, Redux, SCSS/SASS
- **Server & Cloud:** Firebase, Netlify, Heroku, MongoDB, Express, Node.js
- **Other:** Git (GitHub/GitLab), TDD, Jest, Enzyme, Docker, Agile

PROJECTS

POKÉPEDIA | CODE 🌑 | DEMO 🌐   OCT 2018 - CURRENT

A pokédex that displays information about every pokémon in a responsive and modern UI.

- Developed a loading screen with 300+ pokémon facts scraped from the Internet using Python, improving the user experience during long loading times.
- Implemented a unique interface with 10+ colour themes that adapt to the selected pokémon, helping to catch and retain user attention.
- Created user feedback components with MaterialUI snackbars and alerts to reduce user confusion for difficult tasks and make them easier.

Technologies Used: *MongoDB, Express, React.js, Node.js, Redux, MaterialUI, Python, Netlify, and Heroku*

PROSPER | FIGMA 🌑 | DEMO 🌐   MAR 2022 – CURRENT

A website application that promotes growth and mental positivity through daily diary entries.

- Designed and prototyped the user interface using Figma to reduce time spent developing.
- Used OOP principles to create React components which were used across the application for multiple purposes, greatly reducing the size of the codebase and time spent developing.
- Implemented complex features such as website hosting, user authentication, and a real-time database using Google Firebase.
- Used Next.js to optimize images, improve search engine optimization, and reduce page load times for a better user experience.

Technologies Used: *Google Firebase, React.js, Next.js, TypeScript, SCSS/SASS, Redux, and MaterialUI*

WORK EXPERIENCE

ESSO GAS STATION | Gas Station Attendant   OCT 2016 – APR 2017

- Answered phone calls for tow calls and other inquiries.
- Maintained a clean and fully stocked work environment.
- Processed customer payments and performed mid-shift deposits and cash-outs.