Zexi Liu

0405 502 802

Bellamark, NT 0832 (willing to relocate)

jeffliu2802@hotmail.com

https://linkedin.com/in/zexi-liu-0934841b3/

https://Github.com/JeffLiusGitHub

https://portfolio-add7c.web.app/

About

As a passionate and skilled developer, I specialize in front-end development using JavaScript, Typescript, React, nodejs and MongoDB. I am a strong communicator and collaborative team player with excellent time management and attention to detail. I am always eager to learn and stay up-to-date with the latest technology advancements. Currently seeking full-time engineering opportunities to further develop my skills. I am currently pursuing a career with engineering opportunities in a full-time capacity.

Education

❖ Master of Information Technology   Jul 2018 - Jul 2020

Monash University

❖ Bachelor of Electrical Engineering and Automation   Sep 2010 – Sep 2014

Civil Aviation University of China

Technologies

Developing Languages: JavaScript, TypeScript, Java, Python, Android developing, React Native
Website development: React, HTML, CSS, Redux, ASP.NET, Node.js, webpack, gulp, ES12, SEO
Testing library: React testing library, Jest, Cypress
Database: Oracle SQL developer, no-SQL, Mongo DB, Cassandra, Neo4j, restful API, graphQL
Data Visualisation: R studio, Tableau
Design Tools: Photoshop, Premiere, After Effects, Adobe XD
Methodology: Agile development
CI/CD: Docker, Kubernates, Git Action
Architecture: Microfrontend, Microservice
Cloud: AWS IAM, S3, Cloudfront, lamada, EC2

Experience

Openpay Group Ltd (Australia)   *Apr 2022 – June 2022*
Frontend Developer   *https://my.openpay.com.au*

Responsibilities:

- ❖ Added new content to share packages within the Monorepo using React and TypeScript.
- ❖ Developed a dynamic website with up-to-date information for forms using Formik and Yup for validation.
- ❖ Implemented a carousel function on the landing page for improved user experience.
- ❖ Edited the curve and flat header for different devices to ensure a consistent user experience across all devices.
- ❖ Resolved generic bugs to improve website performance and user experience.
- ❖ Acquired knowledge of network security such as SQL injection, XSS, CSRF, and session fixation, and implemented security measures to safeguard the website.
- ❖ Wrote comprehensive tests using React Testing Library and Jest to ensure code quality and prevent bugs.

Ablink Pty Ltd (Australia)   *Nov 2020 – Oct 2021*
React Developer

Responsibilities:

- ❖ Worked as a front-end developer using React to build a high-quality website.
- ❖ Utilized HTML, CSS, and JavaScript to create a responsive website that adapts to various screen sizes.
- ❖ Designed the website with a responsive design pattern for a consistent user experience across devices.
- ❖ Linked the front-end and back-end using RESTful API to create a seamless user experience.
- ❖ Conducted testing to ensure website functionality and performance.
- ❖ Managed website versions and collaborated with members using Git for version control.
- ❖ Possessed exceptional attention to detail for modifying CSS down to every pixel to achieve desired aesthetics.

Topsek Technology Ltd (Shanghai headquarter)   *Nov 2019 - Feb 2020*
Data Visualizations intern

Responsibilities:

- ❖ Collaborated with clients on-site to ensure the security of their enterprise systems.
- ❖ Installed the Linux system CentOS as the server to support the client's system.
- ❖ Utilized Linux Shell to set up the server, ensuring system performance and security.
- ❖ Installed client applications on users' computers to enable seamless system access.
- ❖ Configured the Linux server to receive logs, providing a overview of system activity.
- ❖ Visualized the data on Splunk, delivering valuable insights and improving efficiency.

JuneYao Airline (China)   *Jul 2014 -Jul 2017*
Aircraft Electrical Engineer

Responsibilities:

- ❖ Applied proficient hand skills and standard trade practices for aviation maintenance.
- ❖ Strategized and executed aviation maintenance work, ensuring quality standards.
- ❖ Consistently accomplished a high volume of work on a daily basis, prioritizing safety.
- ❖ Ensured aviation safety and security by adhering to industry regulations and protocols.
- ❖ Utilized the Aircraft Maintenance Manual to effectively troubleshoot emergencies.

Projects

Cycling Injuries Prevention Website   *Mar 2020 -May 2020*
Asp.Net Developer

Responsibilities:
- ❖ Designed the website UI mock-up using Adobe XD and structured it with the MVC model for optimal performance and user experience.
- ❖ Utilized the Asp.net framework, HTML, JavaScript, and CSS to code the front-end, ensuring seamless website functionality and performance.
- ❖ Conducted usability testing and debugged the website to identify and resolve any issues or inefficiencies.
- ❖ Followed agile methodology and Git for optimal project management and version control.

Website link

- ToyRobot Simulator (React, Redux, Styled-component, Material UI) https://tinyurl.com/53ffpchu
- Shopping Website App (React,Redux,MUI,animation-on-scroll) https://Tinyurl.com/yc8pz38f
- Real-time chat App (React Node.js Socket.io): https://bit.ly/3t8afr5
- KanBan Board App (React Material UI): https://tinyurl.com/2vvy8e9m
- UberClone APP (expo, reactNative, tailwind css, GoogleApi): https://bit.ly/3VLD6w8
- News Page based on json data (React CSS) https://tinyurl.com/r3u9c8az
- MicroFrontend Website Demo (git action, AmazonS3, Webpack): https://bit.ly/3ipQhp5
- MicroService Website (React, Node, Docker, Kubernetes, ingress-nginx): https://bit.ly/3CCbyTq
- Tour Website Demo (HTML, SASS): https://bit.ly/3hZwrww
- Sportholic cycling injury preventing website (HTML CSS JS ASP.net): https://cutt.ly/AbCihoJ
- Promotion videos for this project: https://bit.ly/3e7sq80; https://bit.ly/3hVN4cu
- Jeff Meal Website Demo (React CSS):   https://bit.ly/3C5eWmX
- Auth Demo (React Firebase Authentication): https://bit.ly/3k7ZQ9W
- Quote Website Demo (React Router):   https://bit.ly/39hJVA1
- To-do List (TypeScript): https://bit.ly/3C6EZu1
- Flat Curve header, Carousal, Form page (Typescript, React): https://shortest.link/kryH
- GraphQL post example (Node, express, Apollo, Graphql, Mongoose): https://bit.ly/3sxmFY2

Data analysis

Analysed the correlation between different factors and predicted salary of Australian IT professionals using statistics. (Result link: https://github.com/JeffLiusGitHub/dataAnalysis)