Lijie Cheng

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Summary

- A highly motivated and skilled Full Stack Developer with fully commercial level project experiences in developing user-friendly websites.
- Proficient in HTML, CSS, JavaScript, React and NodeJS.
- Self-managed programmer with a focus on writing readable, reusable, and maintainable code in Agile team.

Technical Skills

Front-end:	HTML5, CSS3, SASS, LESS, JavaScript/ES6, Typescript, React, React Hooks, Redux, React-router-dom, Axios, Styled Components, Next.js, Responsive design, Flexbox, Bootstrap, Media queries
Back-end:	NodeJS, Express, JWT, bcrypt
Test:	React testing library, Jest
API:	Ajax, RestfulAPI, Swagger
Database:	MongoDB, Mongoose
Develops Tools:	Jira, Git, Github, Bitbucket, Postman, VScode
Methodologies:	Agile
Cloud services:	AWS EC2, AWS S3

Working Experience

Intern Full Stack Developer at JR Academy | **Sep 2022 – Dec 2022**
key Responsibilities:

- Engaged in full stack development utilizing the technology stack, including **React, Redux, Typescript, CSS, LESS, NodeJS, keystone, MongoDB** and web UI followed with project requirements by **Zeplin**.
- Developed the resume section in JR Academy website following the new UI design.
- Utilized **Jira** and **Bitbucket** for task development and code review
- Participated in daily **stand-up meetings**.

Achievements:

- Successfully rewrote the resume component from class component to functional component based on new UI design.
- Experienced on working with BA, UI designers, Devops engineers and other developers in an **agile** environment.

Project Experience

Team Project

Jungle Meet, Team Jungle Meet | Sep 2022 - Dec 2022
- Worked as a frontend developer in an **Agile** team. Developed a online movie forum website to provide customers to look through movies and make discussion. Website -- https://www.junglemeetforum.com
- Tech stacks: **Typescript, React, NextJS, redux, Styled-component, customize Chakra UI,** following web UI requirements provided by Figma and Agile Methodologies. Main task:
- Participated in and contributed daily stand-up meetings and sprint planning meetings.
- Fetched movie data from third-party API(TMDB) and display to user-friendly design.
- Created a user friendly interface in the front-end using Nextjs, Typescript, Styled-component and Chakra UI, including hero banner, nowplaying and upcoming section in home page.
- Created Nowplaying and All movies page with list movies feature and sort by different conditions using React Hooks and Axios, and Infinite Scroll.
- Responsive design using Media Query
- Used React useMemo hook to get better performance when rendering.
- Managed application states with Redux Toolkit in order to avoid props drilling.
- Utilized Swagger to visualize and interact with our API, making it easy for back-end implementation.
- Worked with Agile workflow on JIRA, managed codes with Git version control, and collaborated coding using Github.
- Performed code review for peers and provided recommendations for improvements.
- Documented new tech skills on Notion and shared the knowledge with team members.

Yabber, The Debugger Team | May 2022 – Aug 2022
- Worked as frontend developer in an **Agile** team to build a online chat app that aiming to facilitate communication within companies or organizations. Website -- https://www.yabbertech.com
- Build features using **javascript ES6, react, context, styled components, formik, customize MUI components, font awesome and media query**, including:
- Setting page for user profile display and update, and password change with React Hooks, Axios, context and formik
- Team member information card components in about page for display team members with styled components and MUI components
- Responsive design for setting page using media query

Personal Project

Instagram-Clone | Sep 2023 - Present
- Developed a full-stack web application inspired by Instagram, enabling users to create, view, and manage posts and profiles.

Backend:
- Built the backend application using **Express.js** to create a **RESTful API**.

- Integrated **MongoDB** for data storage, utilizing **Mongoose** for schema definitions and database interactions.
- Implemented **JWT** authentication for secure user login and route protection.
- Developed models for users and posts with fields such as username, email, password, profile pictures, post images, and more.
- Set up a modular route structure, segregating authentication, profiles, and post-related routes.

Frontend:
- Developed the frontend application using **React, Redux-toolkit, react-router-dom, styled-components, Material-UI**.
- Utilized **Redux** to manage frontend data like user information, user profile and post data.
- Designed a user-friendly interface with components such as Navbar, Home, and Post.
- Implemented a dynamic navbar with features like search and a dropdown menu for user-related actions.
- Developed the Home component to display stories and posts, enhancing user interaction.
- Utilized React Router for seamless navigation between different components and views.
- Allowed users to create and customize their profiles. Users can upload avatars, bios, and personal information.
- Implemented a feature for users to like posts, display the number of likes for each post, and update likes in real-time.
- Enabled users to create new posts, upload images, add descriptive text.

Deployment & Infrastructure:
- Connected to a **MongoDB** database using a configuration file, ensuring a modular and maintainable codebase.
- Set up **CORS** for handling cross-origin requests, ensuring frontend-backend communication.

Weather App - https://github.com/chengeden/weather-app

Wold Clock - https://github.com/chengeden/world-clock

Personal Website - https://github.com/chengeden/portfolio

Education

JR Academy (Bootcamp) - Sydney, NSW
- **Full-stack Program** | Mar 2022 - Nov 2022

University of Sydney - Sydney, NSW
- **Master of Information Technology** | Mar 2013 - Dec 2013
- **Major in Software Engineering**

RMIT University - Melbourne, VIC
- **Bachelor of Information Technology** | Mar 2010 - Dec 2012
- **Major in Application Programming, Minor in Multimedia Design**