Mia Zhang

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As a self-taught web developer with a strong passion for coding and a diverse skill set, I am actively seeking opportunities in the field of web development. With a background in telecommunications engineering and a recent certification in cyber security, I bring a unique blend of technical knowledge and problem-solving abilities to the world of web development.

Technical Skills

Programming languages: JavaScript, Python

Web: HTML5, CSS/SCSS, ReactJS, Redux, MongoDB, Node.js, Express.js

Other: GitHub, Linux, RESTful API

Projects

E-commerce Full-Stack App

- Provide users with an engaging shopping experience. It enables users to browse products, view product details, add items to their shopping cart, and make purchases.
- Using **React Router** to handle the routing between the home page, category product pages and individual product pages.
- Creating a custom hook to encapsulate Axios data fetching requests.
- Using **Redux Toolkit** to manage variables within the shopping cart module.
- **Strapi** and **PostgreSQL** manage and update backend data and successfully deploy to a VPS.
- **Demo**: http://www.mymolamola.com/
- **GitHub**: https://github.com/Miainaus/E-shop-Molamola

React Based Portfolio

- **React-Loaders** be used to create an engaging loading spinner.
- Use **GSAP** to create captivating SVG animations.
- CSS animations and **3D transforms** be used to achieve the desired visual effects.
- Using **EmailJS** to create and implement a contact form.
- **Demo**: https://miainaus.github.io/react-portfolio/
- **GitHub**: https://github.com/Miainaus/react-portfolio

To-do List Web Application

- A simple web application built using **Node.js**, **Express**, and **MongoDB**. Allows users to create and manage to-do lists, add and remove items from lists, and create custom lists with specific names.

- Configuring **Mongoose**, defining Mongoose schemas, and creating models to interact with the MongoDB cloud collections.
- **Demo**: https://mia-task-master-1b73de9e2c8c.herokuapp.com/
- **GitHub**: https://github.com/Miainaus/taskMaster

Responsive Movie Landing Page

- The landing page is designed to be fully responsive, ensuring an optimal viewing experience across various screen sizes and devices, including desktop, tablet, and mobile.
- Utilizes CSS **Flexbox** for layout and positioning elements.
- **Materialize CSS** be used for creating an animated image carousel that allows users to browse through movie images.
- **Demo**: https://miainaus.github.io/movieLandingPage/
- **GitHub**: https://github.com/Miainaus/movieLandingPage

Implement network security infrastructure

- Worked with teammates and responsible for implementing network security infrastructure for a fictitious data analyst company by analyzing all the organization's security requirements.
- Implemented security practices including pfSense Firewall configurations, IPS configuration to detect and dynamically deny port scanning from the LAN network, Implement IPsec site-to-site VPN, etc. to protect the organization's network from potential threats and vulnerabilities.

Certifications

- JavaScript Algorithms and Data Structures Certification - freeCodeCamp
- Front End Development Libraries Certification - freeCodeCamp
- Modern React with Redux (2023) Certification - Udemy
- The Complete 2023 Web Development Bootcamp - Udemy
- CCNA Certification – Cisco

Experience

Telecommunications Engineer, Jun 2014-Jul 2018
China United Telecommunications Co.Ltd, Jiangsu

- Handled high-pressure emergency callouts, producing timely task results.
- Maintained all telecommunication access infrastructure, including cable and auxiliary equipment for 13 cities weekly.
- Responsible for coordinating with the higher-level department to handle backbone network failures and the construction of new projects.
- Prepared project analysis reports and provided project updates to clients.
- Provided instructions to other team members for larger installation projects.

Sales Assistant, Oct 2021-Jan2023
Myer Belconnen

- Managing payment systems in accordance with company procedures and policies.
- Using the stock management system to log, check, locate and move stock both in and out of the store.
- Ensuring that all areas are clean and adhere to the company's clear floor policy and Health and Safety requirements.

Education

- Certificate IV in Cyber Security, Jan 2022 – Feb2023
  Canberra Institute of Technology
- Bachelor of Network Engineering, Sep 2010 - Jun 2014
  Nanjing University of Posts and Telecommunications

Referees

- Referees are available on request.