Eric Zhang

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Career Objective

Creative and experienced Software Engineer from UNSW seeking a Frontend Developer position, where I can dedicate my programming, teamwork and quick learning skills obtained from my previous experience.

Employment

Software Developer   **Nov 2022 - Feb 2023**
Maptaskr, Perth, Western Australia
Description:
Build Maptaskr PowerApp Component Framework, and work on UI re-design of the website.
Technology:
CSS, Angular, Material UI, Microsoft Azure.
Outcome:
- Worked in an agile environment with multicultural teammates from Korea, Bangladesh, and Ukraine.
- Introduce an advanced filtering function for PowerApp Component Framework portal.
- Improve the UI of PowerApp Component Framework in mobile devices.
- Deliver the product by Azure pipeline.

Frontend Developer   **July 2017 – Feb 2018**
Chengdu Shengkun technology Ltd, Chengdu, China
Description:
Designed Hydrology Information Collection and Management Dashboard in the company for local council and participated in embedding designed frontend solution.
Technology:
CSS, **Vue**, **Vuex**, **Element UI**, Github, Ngnix, Alibaba Cloud.
Outcome:
Created a modern designed, optimized, and responsive web application and receive high commendation from the company co-founder.
- Worked in an **agile** environment with extended teammates.
- Improved web performance with SVG sprites, and **lazy loading**.
- Used **token-based authentication** to ensure application security.
- Improved Project Reusability and Code Readability with code reconstruction.
- Suggested and assisted backend developers to implement an advanced search function.
- Deployed the website with the Alibaba-cloud server.

Personal Web Projects

- **Real Estate Mobile Website (Sophisticated frontend and firestore database and authentication)**
  https://house-marketplace-app-1df42.web.app/
  Description: Real estate mobile application that allows customers to sign in/up, browse current listed properties, contact landlords, and create/delete a new property listing.
  Technology: **React**, **React Router**, **Leaflet Map**, **React Hooks**, lazy loading and **Custom Hooks**.

Outcome: Built a high-performance, reactive, and user-friendly React project and gained working experience of React and popular third-party libraries.

- **Food Order Application (frontend only)**
  Description: Food Order Application, allowing customers to select items and make payments.
  Technology: **React**, **React Hooks**, **Redux**, **custom hook**.
  Outcome: Built a real-world and reactive project. Acquired practical experience in Redux.

University Projects

- **Project Name: EventPro | Role: Scrum Master and Full Stack Developer**
  Description: Ticket shopping website based on Vue.js and Python Flask framework.
  Technology: Python, Flask, Restful API, Swagger UI, NoSQL(Redis) HTML, CSS, Vue, Vuex, Agile Development with GitHub Project Board.
  Description: Users can sign up/in, create a new event, display event details, leave comments on participating events, and place an order for tickets. Our website also has a recommendation system to predict customer preferences.
  Task Performed:
    o Utilised **Jira** to track and assign tasks weekly, integrated teammates' frontend code and resolved merge conflicts.
    o Used Swagger UI and flask to generate API documentation with team members.
    o Implemented frontend home page, search page and user login/registration page.
  Outcome: Distinction as the final grade of the course Information Technology Project. The project was delivered with more functions and features as required one week earlier than the deadline.

- **Project Name: Instacram | Role: Frontend Developer (Sole Developer)**
  Description: A Photo Sharing Web Application to imitate Instagram)
  Technology: HTML, **CSS**, **JavaScript** (Backend was implemented by the tutor)
  Task performed:
    o Communicated between frontend and backend via fetch API.
    o Token-based authentication, imitated both the home page and profile page of Instagram
    o Implemented functions including like, follow, comment, post, edit, delete, show people who liked, show or hide their comments.
  Outcome: 84 grades in a total of 100, achieved a good understanding of frontend development.

Education

ATMC Professional Year IT Program	Dec 2020 – Dec 2021
Australia Technical & Management College	*Sydney, Australia*
Master of Information Technology	Feb 2018 – Sep 2020
University of New South Wales	*Sydney, Australia*
Bachelor of Electronic Engineering	Sep 2013 – Sep 2017
Nanjing Institute of Technology	*Nanjing, China*

Skills

Programming: React.js, Vue.js, Node.js, Express.js, MongoDB, Python, Flask, HTML, CSS, Git, SQL, Machine Learning

Professional: Software Project Management, Problem Solving, Teamwork.