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EDUCATION

WASHINGTON UNIVERSITY, OLIN BUSINESS SCHOOL, ST. LOUIS, MO

December 2022

Master of Science in Business Analytics – Customer Analytics

- GPA: 3.98/4.00

SOUTHWESTERN UNIVERSITY OF FINANCE AND ECONOMICS, CHENGDU, CHINA

July 2021

Bachelor of Economics - Majoring in Insurance (Financial-Accounting Bilingual)

- Overall GPA: 3.50/4.00

PROFESSIONAL SKILLS

- Languages: JavaScript, TypeScript, Java, C++, Python, SQL, Linux, C, PHP, HTML/CSS, Hadoop, Hive, Impala, Spark, Shell
- Frameworks: React, Node, Vue, Express, Redux, Junit, Spring Boot, Bootstrap
- Technologies: Agile, Scrum, CICD, Material UI, Lodash, Flexbox, Responsive Design, Docker, Kubernetes, micro-service, AJAX, JSON Web Token, Unix Commands, DOM Manipulation, DevOps, Spring Framework, Spring Boot, Spring MVC, JPA Modeling, Thymeleaf, Hibernate, JQuery, REST, NoSQL, MongoDB, Schema Design, Mongoose, Database, AWS EC2

EXPERIENCE

Antra Inc., Sterling, VA

March 2023 - Present

Front End Engineer

- Developed and maintained the front end of a single-page application(SPA) using modern web development technologies such as React, Redux, React Router, HTML, TypeScript, CSS, and more.
- Implemented global state management using Redux to centralize the application's state and logic, while handling RESTful APIs and side effects with Redux Thunk middleware.
- Utilized React Router to achieve dynamic routing and provide a seamless user experience, avoiding web-page refreshes in the application.
- Collaborated with team members in a scrum environment to refactor the codebase in order to improved the efficiency.
- Conducted automated testing and performed unit testing on the application using React Testing Library and Jest to ensure application reliability.

PROJECT

Book Search App ---- Front End(React, Redux, HTML, CSS, Javascript)

- Designed a book search app that allows users to search for book information using the Google Books API and store wish-listed books on a separate page using react, redux, react router and typescript
- Optimized the UI design and enhanced the efficiency by 70% compared to normal ones by adding features of error handling, loading state display and responsive design

Pet Clinic ---- Back End(Spring Framework, Java)

- Developed a pet clinic application that allows for the creation, display, and modification of pet-related data. Utilized Spring Framework 5, Java 17, Git for version control, and Github for task planning and issue management.
- Implemented SOLID principles of OOD in class design to minimize code dependencies.
- Optimized web resources using WRO4J maven plugin and applied JPA for data persistence and Thymeleaf for HTML file processing.