
FAHAO WEN

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Enthusiastic and detail-oriented software development graduate with a strong foundation in full-stack web development. Passionate about mastering new technologies and solving complex problems. Seeking entry-level software engineering opportunities.

Professional Experience

Systems Developer Intern

May 2023 - Aug 2023

Mohawk Industries, Calhoun, GA

- Enhanced application efficiency by optimizing code and refactoring components, reducing runtime by 20% and launch time by 35%, leading to faster load times and improved user experience.
- Modernized the codebase by translating legacy Visual Basic code to **Python**, resulting in a more maintainable and scalable architecture, improved readability, and a 30% reduction in technical debt.
- Revamped the user interface with **TTKBootstrap**, improving design and usability for a more intuitive user experience.
- Collaborated with factory personnel to gather feedback and ensure solutions met user needs, fostering effective cross-team communication to enhance product relevance and functionality.

Installation Technician Intern

May 2022 - Aug 2022

Virtucom, Inc., Peachtree Corners, GA

- Installed operating systems and security protocols and configured startup settings on over 500 devices, ensuring consistent performance and enhanced security across the network.
- Provided IT support for smart panels, PCs, Chromebooks, and laptops, effectively troubleshooting issues to enhance system functionality and user satisfaction.
- Coordinated deployment schedules with school officers to ensure timely and efficient installation and setup of IT equipment.

Project Experience

Capstone Project: *Movie Recommendation and Social Platform*

- Developed a movie recommendation platform using **React.js**, **Firebase**, and **APIs** with a **non-relational database**, enabling seamless user interactions and personalized recommendations.
- Applied **Agile** methodologies using **Trello** to drive iterative development and adaptability, facilitating continuous improvement and effective project management.
- Designed **UI/UX** with **Figma** and implemented the interface using **Chakra UI**, resulting in an enhanced and cohesive user experience.
- Utilized **GitHub** for version control and collaboration, streamlining code management and enhancing teamwork through effective version tracking and pull request workflows.

Web Development Project: *Blog Posting Platform*

- Developed a blog posting platform using **Django**, **HTML**, **JavaScript**, **CSS**, and **Bootstrap**, with **SQLite3** for database management.
- Created a responsive design for cross-device compatibility and a rich text editor for dynamic blog content.

Database Development Project: *Restaurant Database System*

- Designed and built relational database using **Entity Relationship Diagram** with **Oracle 21c SQL Developer**.
- Formed an integrated system with tables, relationships, entities, queries, views, and other schema objects.

Education

Bachelor of Science in Information Technology, Software Development

Aug 2019 - Dec 2023

Georgia Gwinnett College, Lawrenceville, GA

Cum Laude - 3.73 GPA

Leadership Experience

Upsilon Pi Epsilon

Vice President, GGC chapter

- Organized professional development events and workshops for skill enhancement.
- Coordinated recruitment campaigns to expand and engage membership.