Mack Oyler

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Former Accountant and Operations Analyst who has successfully transitioned into a Software Development role, equipped with practical experience from a Developer Internship and comprehensive training from Washington University's Full-Stack Web Development Bootcamp. With a foundation in finance and accounting, enhanced by almost 7 years of experience in the United States Marine Corps, he brings a unique blend of discipline, analytical skills, and technical acumen to the field. Proficient in MERN-stack development, he possesses a diverse skill set in Front-End Development, experience with Claris FileMaker Pro, and demonstrates a commitment to continuous learning, underscored by industry-relevant certifications.

Professional Experience

Developer Intern / Apprentice Engineer

Skeleton Key   *December 2023 - May 2024*

- Collaborated in the engineering and implementation of a dynamic project-tracking dashboard on Claris FileMaker Pro, significantly improving project delivery times by enabling real-time access to project statuses.
- Routinely developed multifunctional scripts to enhance data organization across various client projects, incorporating advanced filtering and sorting capabilities to boost project management efficiency.
- Designed and managed user-friendly interfaces and templates, including custom PDF generation scripts and survey templates, significantly reducing manual data entry and enhancing user engagement for clients in education and other sectors.
- Created and sustained robust database systems, featuring a comprehensive internal application layout with over 50 fields, ensuring high levels of data accuracy and operational efficiency.
- Periodically executed the deployment of client applications to live server environments and managed server dashboards, maintaining stringent standards for document control and application performance.
- Developed and refined a range of interactive applications and games (such as tic-tac-toe, dice roller, and quiz games), along with educational tools, showcasing creativity and technical skill enhancement.
- Assisted in the design and coding of a contracts dashboard that monitored and predicted budgetary expenditures, utilizing advanced database management and SQL queries to support financial forecasting.
- Contributed to the integration of internal and external software tools, including work on APIs and third-party software like QuickBooks and JIRA, to improve application functionality and user experience.
- Demonstrated extensive involvement in testing across multiple platforms, including desktop and iOS devices, ensuring the reliability and user-friendliness of client applications.

Operations Analyst

ICL Group   *August 2022 - November 2023*

- Performed monthly closing, variance analysis, and transfer price analysis.
- Performed in-depth data analysis, uncovering trends that informed strategies for operational enhancement.
- Formulated and enacted cost-reduction strategies, honing organizational processes for fiscal efficiency.
- Utilized advanced software tools such as SAP, PowerBI, Excel, Access, and others.
- Established and managed key performance indicators to gauge and elevate operational success.

Cost Accountant

Aisin Electronics   *February 2021 - August 2022*

- Analyzed production costs in detail, pinpointing opportunities for cost reduction and heightened efficiency.
- Managed departmental budgets to enforce cost control and meet financial objectives.
- Instituted precise cost allocation models for equitable overhead distribution across products and initiatives.
- Teamed with various departments to refine inventory management and curtail carrying costs.
- Delivered financial reports and analyses crucial for strategic decision-making.

Education

Bachelor of Science in Business Management August 2024 - December 2020

Souther Illinois University at Carbondale, IL

Certifications

Meta Front-End Developer Certificate   March 2024
Meta

CSS, HTML, JavaScript, ES6, React.js, Version Control, Editing Images, Wireframes, and Coding Interview Skills.

Google UX Design Professional Certificate   January 2024
Google

Conducting Usability Studies, Figma Adobe XD, Prototyping, Sketching And Ideating, User Experience Design (UXD), User Experience Research (UXR), and Wireframing.

Coding Boot Camp   July 2023
Washington University

AJAX, API, Big O, Bootstrap, CSS, Data Structures and Algorithms, Git, Heroku, JavaScript, JQuery, JSON, MERN Stack, Node.js, Progressive Web Applications, React.js, Responsive Design, UI/UX, VS Code, Wireframing, and much more.