CHANARY WILSON

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SOFTWARE ENGINEER

Full-stack developer with expertise in JavaScript, Python, and React, seeking a challenging Software Engineer position to leverage my skills in web development and problem-solving. Primary skills include:

LANGUAGES: Javascript, Python, SQL, HTML5, CSS3
DATABASES: SQLite3, PostgreSQL
ORMs: SQLAlchemy, Sequelize
FRAMEWORKS: Node.js, Express, React, Redux, Flask, jQuery

TOOLS: Docker, npm, Git, Postman, Render
METHODOLOGIES: Agile development, Object-Oriented Programming (OOP), Continuous Integration/Continuous Deployment (CI/CD)

PROJECT EXPERIENCE

LOREBOUND • *Python* • *Javascript* • *Quill.js* • *ReportLab* • *AWS* • *React* • *Redux* • *SQLAlchemy*   Code • Live
- Developed a scalable back-end infrastructure using Flask and SQLAlchemy to optimize data handling and retrieval for personalized content management.
- Streamlined a rich-text note-taking feature with Quill.js, enabling users to seamlessly create and format personalized notes.
- Incorporated PDF generation with ReportLab, allowing users to effortlessly export character sheets and enhancing overall functionality.
- Devised an interactive random quote generation system using JavaScript's Math functions, dynamically refreshing content in the user dashboard.

NICHE • *Python* • *Javascript* • *Docker* • *Render* • *AWS* • *React* • *Redux* • *SQLAlchemy*   Code • Live
- Designed and implemented a product favoriting system using React hooks and Redux, enabling users to efficiently save and organize preferred items.
- Delivered search functionality utilizing React Bootstrap Typeahead to provide a dropdown menu for quick, intuitive navigation to specific items.
- Established a comprehensive product review system using a Flask backend and React frontend, increasing user-generated content and fostering higher user engagement.
- Organized project workflow using Git version control and Agile methodologies, ensuring on-time delivery and enhancing team collaboration throughout the development process.

MYTHIC STAYS • *Javascript* • *Express* • *Sequelize* • *PostGreSQL* • *AWS* • *React* • *Redux*   Code • Live
- Centralized AWS S3 integration for secure, scalable image hosting, improving reliability and performance by optimizing storage and retrieval processes.
- Dispatched reusable modal components using React.js, reducing code duplication and enhancing overall application maintainability.
- Ensured centralized state management implementation with Redux, facilitating consistent data flow.
- Enhanced user interface with responsive designs and custom CSS to increase user engagement.

WORK EXPERIENCE

INNOVATIVE ADVANCEMENT • *Senior Buyer* • Remote   **Oct 2020 – Feb 2023**
- Led strategy meetings using data visualization tools, delivering data-backed insights that optimized procurement decisions and strengthened supplier relationships for 5+ clients.
- Leveraged advanced procurement software (Coupa) to prepare request-for-quotes (RFQs) and cost estimates with 100% accuracy, demonstrating proficiency in industry-specific technology..
- Managed over 30 purchasing orders with enterprise resource planning (ERP) software, implementing process improvements that reduced discrepancies by 20% and enhanced order accuracy through data-driven decision making.

MENIFEE VALLEY MEDICAL • *Unit Secretary* • Menifee, CA   **Oct 2015 – Jan 2019**
- Audited and maintained electronic health records (EHR), safeguarding data accuracy and integrity while ensuring HIPAA compliance, showcasing expertise in database management and information security protocols.

- Optimized workflow processes for patient admission, discharge, and record-keeping, yielding a 30% efficiency boost in these areas.
- Navigated multiple software applications to prioritize and execute tasks, excelling in high-volume data management.

EDUCATION

APP ACADEMY • Full Stack Web Development   **Completed Oct 2024**
- 800-hour immersive program covering: Data Structures & Algorithms, API Development & Security, Web Design, Front-end Frameworks, Database Management, and Software Engineering Best Practices