

CHANARY WILSON

FULL STACK SOFTWARE ENGINEER

chanarykw@gmail.com | 951-691-2021 • [LinkedIn](#) • [Github](#) • [Portfolio](#) • Beaverton, OR, USA

Versatile full-stack developer with strong expertise in JavaScript, Python, and React, seeking to leverage my technical skills and background to drive innovative web solutions and optimize user experience.

LANGUAGES: JavaScript, Python, HTML5, CSS3, SQL

FRAMEWORKS/TOOLS: React, Node.js, Express, Flask, SQLAlchemy, PostgreSQL, SQLite3, Git, Docker, AWS (S3)

OTHER: RESTful APIs, Responsive Design, Agile Methodologies, Object-Oriented programming (OOP)

PROJECTS

LOREBOUND | [GitHub](#) | [Live](#)

Python • AWS • Quill.js • ReportLab

- Engineered a dynamic Javascript-based random quote generator, boosting dashboard interactivity and user session.
- Designed responsive user interfaces with HTML5/CSS3, delivering visually appealing designs across various devices.
- Optimized data handling with a lightweight Flask/SQLAlchemy backend, slashing retrieval time by 30%.
- Incorporated PDF generation using ReportLab, facilitating easy export of character sheets for enhanced user experience.
- Tailored Quill.js library for rich-text editing, facilitating intuitive creation and formatting of user notes.

NICHE | [GitHub](#) | [Live](#)

Python • Flask • SQLAlchemy • Docker

- Constructed a product favoriting and review system using React hooks and Redux, boosting user-generated content.
- Integrated React Bootstrap Typeahead for efficient search functionality, enabling intuitive product navigation.
- Managed project workflow using Git and Agile methodologies, meeting 100% of sprint goals while reducing development cycle time and enhancing cross-functional team collaboration.
- Established a robust PostgreSQL database, improving query performance and maintaining data integrity.

MYTHIC STAYS | [GitHub](#) | [Live](#)

JavaScript • Express • AWS • Render

- Implemented AWS S3 for scalable cloud image hosting, enhancing application performance and security.
- Developed responsive UI components using React and Redux, decreasing bounce rate by 15%.
- Deployed SQLite3 for a lightweight database solution, accelerating feature development and testing cycles.
- Orchestrated RESTful APIs with Node.js and Express, optimizing request handling and leveraging middleware for advanced functionality.

EXPERIENCE

SENIOR BUYER • Innovative Advancement • Remote

10/2020 – 02/2023

- Leveraged data visualization tools to influence 15% of strategic decisions during client meetings.
- Automated RFQ processes using ERP software (Coupa), reducing purchase processing time by 30%.
- Optimized ERP software usage, decreasing data discrepancies by 20% and enhancing system accuracy.

UNIT SECRETARY • Menifee Valley Medical Center • Menifee, CA, USA

10/2015 – 01/2019

- Managed and maintained electronic health records (EHR) with strict adherence to HIPAA compliance.
- Reengineered workflow processes for patient data management, increasing departmental efficiency by 30%.
- Proficiently navigated multiple software applications to prioritize and execute tasks, managing high-volume data across diverse platforms.

EDUCATION

APP ACADEMY • Full Stack Web Development

Completed 10/2024

- 800-hour immersive program covering: Data Structures & Algorithms, API Development & Security, Web Design, Front-end Frameworks, Database Management, and Software Engineering Best Practices