Jacqueline Weems

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Summary

Detail-oriented software engineer skilled in building scalable applications and APIs using modern technologies. Proficient in Python, JavaScript, React, Flask, and Google Cloud Platform. Strong problem solver with hands-on experience in all phases of the software development lifecycle.

Technical Skills

Languages: Python, JavaScript, HTML/CSS, SQL, C, C#, OOP, PHP
Frameworks & Tools: Flask, React, Node.js, Express, Vite, Bootstrap, Git, Docker
Databases: PostgreSQL, MySQL, MongoDB
Cloud & DevOps: Google Cloud Platform (GCP), Firebase, CI/CD, GitHub Actions, Docker
Business Intelligence & Analytics: Tableau (developing), Business Intelligence, Data Visualization, Google Analytics, SQLAlchemy
CRM & Project Tools: Monday.com, Notion, Trello, Jira
Design: Figma, Canva, Adobe Illustrator
Other: Agile, SDLC, REST APIs, OAuth2.0

Education

Oregon State University – B.S. in Computer Science
College of Electrical, Engineering and Computer Science
May 2025, GPA: 3.64/4.0

Missouri State University – B.S. in Entertainment Management
College of Business
May 2011

Experience

Software Engineer Intern – SMG (Service Management Group)
Kansas City, MO | Jun 2022 – Aug 2022
• Contributed to the front-end development of an internal backlog management app that improved task visibility and reduced planning time.
• Delivered a live demo to the engineering department and participated in Agile standups and sprint planning meetings.
•Gained practical experience with version control, debugging, and delivering maintainable, production-quality code in a real-world setting.

Founding Board Member – Community Unite Foundation
Hybrid | Mar 2024 – Present

- Developed and maintained the nonprofit's website and donor tracking system.
- Led implementation of CRM tools using Monday.com.
- Created branded templates, authored bylaws, and enabled digital donations.

Sales Associate – Ashley HomeStore

Sep 2011 – Jun 2012
- Built strong client relationships and guided high-value purchases.
- Customized sales strategies to fit each customer's lifestyle.

Internships – Various Organizations

2010 – 2011
- Roles with Bush Hospitality Group, Missouri State Athletics, and Springfield WolfPack included database development, event planning, marketing, and operations support.

Projects

ShelfLife – *Smart Grocery Housekeeping App (Capstone Team Project)-* [DocFolder](#) | [Live Demo](#) | [GitHub](#)
- Collaborated on a full-stack grocery tracking web app with Flask backend and React/Vite frontend, API/database architecture deployed to Google App Engine using agile developmental life-cycle.
- Developed barcode scanning, JWT auth, OAuth login, CI/CD workflow, token refreshing and grocery item CRUD.
- Authored and implemented the app's custom Vite dev/build configuration and static routing via Flask.

IMO-DB – *Full Stack WebApp (Collaboration Project)-* [GitHub](#)
- Utilized Python with the Flask framework to develop a relational database-backed website using MariaDB as the RDBMS.
- Developed front-end using Jinja2 templating, HTML, JavaScript, and CSS.

Small Shell – *Command Line Interface (Personal Project)-* [GitHub](#)
- Simple command line interface comparable to bash written in C.
- Allows execution of commands, I/O redirection, and background/foreground process management.

Clubs & Associations

- ACM-W (Association for Computing Machinery – Women)
- Hackathon Club
- Society of Women Engineers (SWE)
- NCAA Student-Athlete Advisory Committee (SAAC), Former Representative
- Missouri State Women's Basketball, Division I Student-Athlete