# MARY WANJIRU NJUGUNA

**Software Engineer | Full-Stack Developer**

thispectmess.net | Blog | GitHub | YouTube | LinkedIn
dev.wanjirunjuguna@gmail.com | Vancouver, WA, US | +1 (360) 719-9400

## PROFESSIONAL SUMMARY



Software engineer with 2 years of experience designing, developing, debugging, maintaining various web applications and teaching others. I am a self-starter with a commitment to write clean and maintainable code, to work collaboratively in a team, and to learn new techniques to ensure that I am up to date with the evolving trends.

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, TypeScript, SQL, HTML, CSS
**Frameworks:** Django, FastAPI, React, Wagtail CMS
**Databases:** PostgreSQL, SQLite, SQL
**Tools:** Claude Code, GitHub Copilot, OpenAI Codex, Git, GitHub, VS Code, Chrome DevTools, Jira

## PROFESSIONAL EXPERIENCE

**Freelance Software Developer | Upwork** May 2024 - Present

- Developed and maintained web applications using Python, Django, JavaScript, and SQL.
- Debugged and troubleshoot applications to improve reliability.
- Collaborated with clients to translate requirements into technical solutions.
- Documented application functionality and technical changes to support ongoing development and maintenance.

**Formalizr | Chrome Extension** Nov 2025 - Mar 2026

- Upgraded the existing Google Chrome extension to support manifest v.3.
- Used JavaScript and Chrome Dev tools for debugging and unit testing.

## PROJECTS

**thisperfectmess.net - Full-Stack Web Application**

- Designed and developed a production full-stack web application serving as a professional portfolio and publishing platform.
- Designed a relational database supporting blog content, user authentication, project records, media, and documents.
- Implemented secure user authentication using Django's authentication framework.
- Integrated Wagtail CMS to provide content-management capabilities for application administrators.
- Configured production hosting, DNS records, SSL certificates, static files, and application deployment.

**YouTube - Coding with Sheeroh**

- Designed and developed a structured introductory Python programming course for beginner developers.
- Created technical demonstrations and exercises covering Python and general programming concepts.
- Produced supporting instructional documentation, presentation materials, and programming articles.
- Explained software concepts using clear technical communication tailored to audiences with varying levels of programming experience.

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## ONLINE PRESENCE

- Own website: `https://thisperfectmess.net`
- Blog: `https://thisperfectmess.net/blog/blog/`
- GitHub: `https://github.com/wanjiru-njuguna`
- YouTube: `https://www.youtube.com/@CodingwithSheeroh`
- LinkedIn: `https://www.linkedin.com/in/marywanjirunjuguna/`
- Email: `dev.wanjirunjuguna@gmail.com`

## EDUCATION

**University of Nairobi**: Bachelor of Commerce, Accounting. 2015 - 2019
**Harvard University (Online) CS Courses**: CS50x, Computer Science Fundamentals. 2022

## LANGUAGES

I'm a fluent English and Swahili speaker.

## WORK AUTHORIZATION

I'm a permanent legal resident that is authorized to work in the US. I do not need visa sponsorship.

## GOALS

Problems excite me and so does your feedback! I am an effective team player. My goal is to help your business succeed and run efficiently. I also enjoy learning new things and helping others to learn and grow professionally.