

Mary Wanjiru Njuguna

Full Stack Web Developer

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LinkedIn: [linkedin.com/in/marywanjirunjuguna](https://www.linkedin.com/in/marywanjirunjuguna) | GitHub: github.com/wanjiru-njuguna | Portfolio: thisperfectmess.net

Authorized to work in the United States.

PROFESSIONAL SUMMARY

Full Stack Web Developer with 2 years of experience designing, developing, and maintaining responsive web applications. Experienced with JavaScript,HTML5 & CSS, Python/Django, SQL, and Wagtail. Skilled in building scalable frontend and backend systems, integrating third-party services, designing databases, and deploying applications to cloud environments. Strong background in debugging, performance optimization, and translating business requirements into reliable software solutions.

TECHNICAL SKILLS

Languages: JavaScript,Python, HTML5, CSS3, SQL, PostgreSQL.

Frontend Libraries: Tailwind CSS, Bootstrap, jQuery.

Backend: Django, Wagtail.

Databases: PostgreSQL, MySQL, SQLite.

Tools: Git, GitHub, Visual Studio Code,Chrome DevTools, Jira.

PROFESSIONAL EXPERIENCE

Full Stack Web Developer

Upwork— San Francisco, California

May 2024 – Present

- Developed and maintained full-stack web applications using JavaScript, Wagtail, Django, Python and Manifest V3 chrome.
- Designed reusable frontend components and responsive user interfaces supporting desktop and mobile devices.
- Designed and optimized database schemas, queries, and indexes using PostgreSQL/MySQL
- Diagnosed and resolved production defects using application logs, browser debugging tools, and backend diagnostics.
- Used Git and GitHub for source control, code reviews, branching, and release management.
- Collaborated with developers, and owners to translate requirements into production features.

Freelance Full Stack Developer

Self-Employed at thisperfectmess.net

Jan 2024 – Present

- Designed and developed custom websites and web applications for myself & clients.
- Built frontend and backend functionality using Python, Django, Javascript, Chrome Manifest V3, HTML & CSS.
- Configured hosting, domains, databases, SSL certificates, and application deployments.
- Maintained client applications and resolved production issues.
- Created coding tutorials on Youtube. [Click here](#) to watch.
- Wrote programming blogs on my website. [Click here](#) to read.

PROJECTS

Personal website

Javascript | HTML & CSS | Django | SQLite | Wagtail

GitHub: github.com/wanjiru-njuguna/wanjiru-portfolio

Live Demo: thisperfectmess.net

- Developed a full-stack website that serves as my portfolio and also has a blog for knowledge sharing.
- Built the frontend using vanilla Javascript, HTML & CSS.
- Designed a SQLite database containing a blog, user authentication information, projects catalogue, media file and documents.
- Implemented secure user authentication using Django auth system.
- Configured SSLcertificates, managed DNS records.
- Deployed the application using cPanel.

Python course for absolute beginners.

Python

Youtube: [Watch here](#)

Lesson notes : [Available here](#)

- Designed and developed a Python course for new learners.
 - Created google slides for illustration and blog posts to share notes with learners.
 - Improved the effectiveness of the course by explaining general programming concepts that are not isolated to Python.
 - Invited feedback from viewers through direct contact on email or on the comments section of the videos.
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EDUCATION

Bachelors of commerce (Accounting)

University of Nairobi— Nairobi, Kenya

2015 - 2019

Graduated with a second class honors (upper division)

Certified Public Accountant (5)

KASNEB — Nairobi Kenya

Graduation: 2022

Completed 5 out of 6 CPA levels.

Computer Science (CS 50)

Harvard University— Online

2022 - 2023

Relevant coursework: abstraction, algorithms, data structures, encapsulation, resource management, security, software engineering, and web development. Languages include C, Python, SQL, and JavaScript plus CSS and HTML.

ADDITIONAL INFORMATION

Languages: English and Swahili