James Gathungu

Software Engineer

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↖ Portfolio

Profile

Software engineer with a passion for developing programs for the efficiency and effectiveness of organizational success. Well-versed in technology and writing code to create systems that are reliable and user-friendly. Confident communicator, strategic thinker, and innovative creator to develop software that is customized to meet a company's organizational needs, highlight its core competencies, and further its success.

Professional Experience

Software Developer Intern, *Nyandarua County Government*
- Received mentorship from a senior software engineer while implementing feedback on integrating React js front end with the back-end API endpoints.
- Used Figma to design frontend pages, and ensured to follow principles of design.
- Removed bugs from the learning canvas making it 50% more efficient.
- Learned full stack development using laravel and react frameworks.

Front-end Developer, *Freelancer*
Build front-end portion of websites and web applications for different clients. Used HTML, CSS, JavaScript and relevant frameworks to make a web pages that are appealing to the eye and simple to use.

Education

Bsc. Computer Scince, *Karatina University*
Relevant modules learned: Data structures and Algorithms, Programming paradigms, JavaScript and PHP programming, Cybersecurity, networking and Computer hardware.

Skills

Front-end Development ● ● ● ● ○
JavaScript, React js, Bootstrap, HTML and CSS

Back-end Development ● ● ● ○ ○
PHP, Laravel

UI/ UX Design ● ● ● ● ○
Figma, Canva

Networking ● ● ○ ○ ○
Network administration

Hardware ● ● ● ○ ○
Arduino projects, computer repair, motherboard designer

Problem solving ● ● ● ● ○
algorithm

Communication skills ● ● ● ● ○
Active listening, sharing feedback, non-verbal cues

Project management ● ● ● ○ ○
Scheduling and time management, critical thinking and risk management

Projects

Agricultural product management and marketing system ⍈
This is a web application that contains digital marketing and simple farmer's admin page consisting of inventory system. I built it with PHP as backend; html, CSS, bootstrap and JavaScript as frontend

E-Collection ⍈
A digital e-commerce application that use APIs to fetch products. I built it with React js, CSS and bootstrap frontend.

Todo App ⍈
This is my first project as part of React js basic from w3school. I added local storage for its data input.

Login System Validation ⍈
I built it with React js hooks and other React features. initially, it was built without any single validation. Eventually added all the required validation including, email, password and confirm-passowrd validations.

Interests

- Coding
- Learning new things
- Meeting new friends