JOHN FRANCIS

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SUMMARY

Passionate Web Developer / UI/UX Designer

A passionate and visual-oriented Front-End Developer and UI/UX designer with 4+ years of experience creating and optimizing modern web solutions. Specialties include: - Full-Stack Development, User Interface and User Experience Design, Visual Design, E-commerce Development, Prototyping and Wire-framing in Figma, Search Engine Optimization (SEO), Web Security, API Integration, Front-End Frameworks (React), Back-End Frameworks (Node.js, Django), Database Design and Management and Version Control (Git). In addition, I am equipped with advanced expertise in Artificial Intelligence, including: - LLMs (Large Language Models), Neural Networks, Machine Learning, and Game AI Development

EDUCATION

Harvard University	Harvard, edX
Computer Science for Web Programming	*Apr. 2020 – Aug 2021*
Kenyatta University	Nairobi, Kenya
Bachelor of Commerce (Marketing Major)	*Aug. 2020 – May 2024*
Harvard University	Harvard, edX
Computer Science for Artificial Intelligence	*May. 2024 – Jul. 2024*

EXPERIENCE

Web Developer, UI/UX	Apr. 2022 – Aug 2022
Tripplesee Ltd	*Nairobi, Kenya*

- Led the design and development of Tripplesee's inaugural website, Tripplesee is a startup focused on renewable energy solutions
- Implemented modern design principles and smooth animations for an enhanced user experience, ensuring optimal website performance.
- Enhanced SEO for a No. 2 Google ranking, amplifying online visibility
- I also worked on maintaining, monitoring, QA testing, and debugging of Tripplesee's website.

PROJECTS

Dev Portfolio | *Vite, GSAP, HTML, Git, Figma, Js*   June 2023 – Present
- Developed a web application using Vite hosted on GitHub with JavaScript as the front-end
- Designed the user interface on Figma before converting the design into code
- Using modern animation library, GSAP, I implemented smooth animations and transitions for a better user experience
- Optimized Performance and SEO of my Portfolio. The site has an A grade in both structure and Performance on GT Metrix.

Movie Landing Page | *Django, PostgreSQL, JavaScript, OMDB Api, Jquery*   May 2020 – Dec 2024
- Developed a visually appealing movie landing page with a Python-based back-end (Django) and a dynamic front-end using HTML, CSS, and JavaScript.
- Reduced server response times by 35% through optimized database interactions and efficient back-end processing.
- Implemented smooth animations and transitions using the Owl Carousel library to create a seamless and engaging user experience.
- Optimized the landing page for speed and performance, ensuring a quick load time of 2 seconds and efficient data handling.

TECHNICAL SKILLS

Languages: JavaScript, Python, C/C++, SQL, HTML, CSS, Typescript, JSX
Frameworks: React, Django, Flask, Node Js, Express, Shopify, Material-UI
Developer Tools: Git, Docker, VS Code, Copilot, Figma
Libraries: Vite, React, Tailwind, GSAP, Node Js