Richard Senyo Gadasu *Fullstack Software Engineer*

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Profile

Curious and passionate Fullstack Software Engineer with a solid foundation in JavaScript, C, Python, PHP, HTML, and CSS. Thriving in Agile and DevOps environments, I am dedicated to creating reliable solutions that streamline software engineering processes. Proficient in leveraging modern frameworks, libraries, and tools to craft user-friendly interfaces and fast, efficient products

Education

Fullstack Software Engineer   05/2023 – 08/2024
ALX Africa in partnership with Holberton Coding School, USA

Projects

Tusome 🔗
Laravel, Blade, React, Postgres, Material UI, IndexedDB
- Developed an application facilitating students across all educational levels in solving past examination questions.
- Implemented authentication protocols ensuring access privileges for authorized users only.
- Constructed a backend admin dashboard enabling the creation, storage, editing, and deletion of core application features.
- Designed a user dashboard for streamlined access to user activities within the application.
- Practiced professional Git workflow by establishing a development branch and utilizing GitHub Actions for continuous integration and deployment.
- Utilized IndexedDB for secure storage and retrieval of authentication keys and cached data.

Trading Pulse 🔗
Django, React, MySQL, TailwindCSS, ChartJS, Redis, Material UI, React-Scroll
- Developed a trading tool that analyzes economic events differently and predicts future trading opportunities.
- Enhanced the user scrolling experience between features by utilizing the React Scroll library.
- Designed the website and the chart to be fully responsive across all screen sizes.
- Implemented database replication to prevent potential data loss.
- Implemented a robust database connection pool to optimize resource usage and enhance application performance.
- Leveraged IndexedDB for efficient client-side storage, resulting in faster data retrieval and improved user experience.

Portfolio 🔗
ReactJS, ExpressJS, TailwindCSS, Material UI, React-Scroll
- Developed a portfolio website that adheres to international standards.
- Enhanced the user scrolling experience between features by utilizing the React Scroll library.
- Created a serverless mail sender using ExpressJS to forward entries from the contact form directly to my email.

Skills

Languages — Python, JavaScript, TypeScript, C, PHP, HTML & CSS

Framework & Libraries — Laravel, Django, React, Express, Tailwind, Bootstrap, Material UI, framer Motion, Chart.js

Database — MySQL, PostgreSQL, MongoDB, Redis, IndexedDB

DevOps — Git, Docker, Jenkins, Linux, Shell scripting (Bash), Ruby, Vagrant, Slack, Github, Discord

Software & Applications — VS Code, Heroku, PythonAnywhere, Vercel, Netlify, Google Chrome, Wordpress

Certificates

Fullstack Software Engineer — Specialized in Backend

Declaration

I hereby declare that the above information is true and correct to the best of my knowledge

Richard Senyo Gadasu