Richard Senyo Gadasu *Fullstack Software Engineer*

✉ senyo197@gmail.com   📞 +233543653129   🔗 https://richard-senyo.netlify.app/

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

ALX Africa in partnership with Holberton Coding School, USA

Professional Experience

Software Engineer   08/2024 – present

Kowordatech

- Built dynamic, responsive UI components using React and Material UI, improving user engagement by 15%.
- Designed RESTful APIs with Django and Laravel to manage user authentication and data flow for a SaaS product.
- Created Docker containers for isolating development environments and auto-deployed with GitHub actions.
- Worked in a cross-functional Agile team, contributing to sprint planning, code reviews, and daily stand-up meetings to ensure project success.

Software Engineer   05/2023 – 07/2024

ALX Ventures

- Developed RESTful APIs using Django to handle user data.
- Collaborated with a team of developers on GitHub, managing branches and resolving merge conflicts for microservices-based projects
- Implemented JWT-based authentication to enhance security for user login and session management
- Implemented Redis caching, reducing API response times by 30%

Projects

Prop Firm News ⧉

Django, NextJS, Material UI, PostgreSQL

- Blogging platform for the trading prop firm industry.
- Built RESTful APIs in Django for blog posts, profiles, comments, and categories, ensuring smooth frontend-backend interaction.
- Used Material UI to create a responsive interface with consistent styling across all devices.
- Integrated Next.js dynamic routes and server-side rendering to improve SEO and visibility.

Tusome ⧉

Laravel, React, Postgres, Material UI

- 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, Material UI

- 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
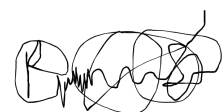
Fullstack Software Engineer ⎘
Specialized in Backend

Full Stack Software Engineering Certificate ⎘
Graded top 5% professional

Declaration

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

Richard Senyo Gadasu