

ALEX AMANKWAH

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Experienced Software Developer adept in bringing forth expertise in design, installation, testing and maintenance of software systems. Proficient in various platforms, languages, and embedded systems through hands-on projects and collaborative experiences. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team. Dedicated to continuous learning and eager to embrace new technologies and methodologies to enhance my skill set.

TECHNICAL SKILLS

Programming & Development: HTML5, CSS3, JavaScript, React, React Native, Bootstrap, Git, Nodejs, Python, MongoDB, Express, Axios, GitBash, RESTful APIs, Responsive Web Design, jQuery, NPM, VS Code

Other Skills: Windows & Mac OS, Problem Solving, Teamwork, Network/Hardware Troubleshooting, Debugging, Network Security, Threat Handling

TECHNICAL PROJECTS

RYTHMZ MUSIC APP | GitHub: <https://github.com/alexamankwah2/rythmz>

- Developed the React Music App, an innovative music streaming platform designed to elevate user enjoyment of music.
- Utilized technologies like React, Tailwind CSS, and Redux to create a feature-rich application and integrated RapidAPI to seamlessly access an extensive music content library.
- Implemented comprehensive music player, search feature, lyrics display, and song exploration features; also integrated location-based recommendations and global top charts.

Tech Stack: HTML5, Tailwind CSS, React, RapidAPI

AI IMAGER | GitHub: <https://github.com/alexamankwah2/ai-imager-react>

- Developed a full-stack AI-powered image generation application using the MERN (MongoDB, Express, React, Node.js) stack.
- Created the frontend using React and Tailwind CSS for responsive and visually appealing user interfaces.
- Implemented server-side logic with Node.js and Express, ensuring smooth application functionality and efficient data processing.
- Utilized MongoDB as the database to securely store and manage user data and application information.
- Integrated OpenAI's DALL-E model to enable the generation of creative and unique images based on user input.

Tech Stack: HTML5, Tailwind CSS, React, Mongo DB, Node.js, Express, DALL-E Open AI

PIZZA ORDERING APP | GitHub: <https://github.com/alexamankwah2/pizza-order>

- Leveraged Next.js and MongoDB to build a responsive and engaging platform for online pizza orders and payments.
- Designed and implemented an intuitive user interface with HTML5 and enhanced styling using Tailwind CSS.
- Integrated PayPal API to facilitate secure and convenient online payments for orders.
- Incorporated Cloudinary to efficiently manage and display images of available pizzas.

Tech Stack: HTML5, Tailwind CSS, React, Next.js, MongoDB, PayPal API, Cloudinary

PROFESSIONAL EXPERIENCE

Software Developer Intern

CVS Health, Remote | October 2022- March 2023

- Collaborate with a team of 10 members to take ownership of the complete development cycle.
- Dedicate efforts to developing features that enhance organizational efficiency and productivity in communication at CVS Health.
- Utilize frameworks and programming languages such as Java, JavaScript, and HTML to create new applications and enhance existing ones.
- Actively participate in all meetings with the software development team and senior leadership to discuss design strategies and delivery objectives.

EDUCATION

University at Albany, State University of New York

Bachelor Of Science

Albany, NY

June 2021

NuCamp Coding Bootcamp

New York, NY

- Coursework: Programming Languages and Concepts, Web Development, Database Management, Version Control/Git, Data Structures and Algorithms

CompTIA Security + 601

Microsoft Azure Fundamentals