Theophilus A. Appau-Nkansah

208-710-6879 | Portfolio | Email | LinkedIn

EDUCATION

B.S., Software Engineering | Minor: Data Science | Brigham Young University - Idaho | GPA: 3.96   Sep 2018 - Dec 2021
- Android Mobile App Development Society - BYU-I | Data Science Society

SKILLS
- Technical: JavaScript, NodeJS, Docker, React, HTML5, CSS, SCSS, GIT, Agile, C#, Java, C++, Python, R, NoSQL, SQL, Responsive Web Design/Dev, Data Structures, Object Oriented Programming, Adobe XD, Graphic Design
- Soft: Communicator, Leader, Team Player, Self-driven, Detail oriented, Innovative, Mentor, Quick Learner

WORK EXPERIENCE

Software Developer | *IBM* / Austin, Texas   Feb 2022 - Present
- Employing React, SCSS, GraphQL, Nginx and Git versioning to construct responsive web applications (Micro-services)
- Collaborating in an Agile setting to comprehend stakeholder requirement, ensuring 100% alignment with company goals
- Debugging customer-reported problems to assure 100% satisfaction and timely solution delivery (CICD)

Software Developer | *FlexSim Software Products Inc* / Orem, Utah   Apr 2021 - Dec 2021
- Cooperated efforts to develop web applications and components using PHP, Laravel / Livewire and Tailwind
- Leveraged Eloquent models for easier and 99% faster interaction with database
- Wrote unit tests utilizing PHPUnit to ensure 100% quality and maintainable components and products

Software Engineer | *The Church of Jesus Christ of Latter-day Saints* / Salt Lake City, Utah   Jan 2021 - Apr 2021
- Partnered in developing of a web application and components utilizing React JS and Java Boot Spring
- Partnered with teammates utilizing GIT version control and CICD
- Wrote unit tests using jest and enzyme to ensure 100% working code and product

Full Stack Developer | / *BuildingFit* / Salt Lake City, Utah   Sep 2020 - Dec 2020
- Led team efforts to devise modern 100% responsive company website in an agile development environment
- Leveraged HTML, CSS, JavaScript and WordPress to construct a website consistent with UX design best practices
- Implemented effective SEO principles to boost company's page traffic by 50%

Administrative Assistant | *BYU-Idaho Av Production Student* / Rexburg, ID   Jul 2019 - Dec 2021
- Devised a NodeJS web application to track work hours and tasks assigned to employees. Source code
- Improved workflow and efficiency with monthly inventory sheets employing Microsoft office tools

VOLUNTEER EXPERIENCE

Web Developer | *BuildingFit* / Salt Lake City, Utah   Apr 2020 - Jul 2020
- Leveraged HTML, CSS, JavaScript and WordPress to build a website consistent with UX design best practices
- Implemented effective SEO principles to attract 50% more useful web traffic to company website

PROJECTS

Data Science Engineer | Year Predictor   Jun 2021 - Jun 2021
- Created a machine learning model to predict the year a house was built. It also looks at possible relationships between various variables. The model uses python libraries such as Pandas, NumPy, Seaborn, Altair and Sklearn. Source code

Full Stack Developer | ASKAS   Sep 2020 - Sep 2020
- Designed and built a web application with NodeJS, EJS, CSS, HTML5 and MongoDB to track employee work hours and tasks. The application utilizes route protection to serve an admin dashboard for administrators. Source code

Software Architect & Developer | EquipMe   Jul 2020 - Aug 2020
- Collaborated on a three-person team to design and develop an android app in Java by applying Software Architecture, Object Oriented Programming (OOP), UX Design, and Software Documentation. Source code

Full Stack Developer | C9ForLife   Jun 2020 - Aug 2020
- Innovated a web app using Adobe XD, React, NodeJS, ExpressJS, and MongoDB. Applying MVC pattern, user authentication, route authorization, password encryption, form validation, error handling, protection against CSRF attacks and performs CRUD operations. Source code