

Emmanuel Appiagyei

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GitHub: <https://github.com/WDverse> | Portfolio: <https://wdappiagyei.netlify.app/>

SUMMARY

- Full stack Web Developer with a Master of Applied Science degree in Technology Innovation Management.
- Certificate in full stack development from Carleton University.
- Landed a role as a website developer.
- Conducted a master's research and developed a guide for creating a diagnostic tool to address challenges developers face in Agile teams.
- Strengths in research, teamwork and collaboration, and project management.

TECHNICAL SKILLS

- **Programming Languages:** JavaScript ES6+, TypeScript, Java, with proficiency in Object-Oriented Programming principles.
- **Frontend Skills:** HTML5, CSS3, WordPress, Bootstrap, React, Tailwind CSS, Handlebars, jQuery.
- **Backend:** Node.js, Express.js, REST APIs, GraphQL.
- **Databases:** SQL, MySQL, Sequelize, Postgres, NoSQL, MongoDB, Mongoose.
- **Workflow:** Git, GitHub.

PROJECTS

Tourist Trap | **GitHub:** [Tourist-trap Repo](#) | **Live Link:** [Tourist Trap](#)

- Summary: Web app providing a city's current weather, hotels, and addresses.
- Role: Front-end engineer
- Tools: HTML, CSS, JavaScript

Cozy Spaces | **GitHub:** [Cozy Spaces Repo](#) | **Live Link:** [Cozy Spaces](#)

- Summary: Web App for vacation rentals. Built with MERN stack
- Role: Front-end engineer
- Tools: HTML, CSS, JavaScript, Bootstrap, React, Node.js, Express.js, MongoDB, GraphQL

Smart Brain | **GitHub:** [Smart Brain Repo](#) | **Live Link:** [Smart Brain](#)

- Summary: Emotion recognition app built with Node.js and a Machine Learning API. By displaying emotions, this can play a role in helping individuals track their emotional states and patterns over time.
- Role: Sole author
- Tools: React, CSS, JavaScript, Node.js, Express.js, Postgres DB, Clarifai API

EXPERIENCE

Website Developer (Contract)

Feb 2024 – May 2024

Technology Innovation Management (TIM), Carleton University, Ottawa, ON

Redesigned and enhanced the TIM's website with WordPress to create a visually appealing, user-friendly, and informative platform.

Key Accomplishments:

- Created a responsive website with Carleton's CMS WordPress theme for all major screen types.
- Ensured the website was accessible and compliant with WCAG 2.1.

Customer Service Representative

May 2023 – Nov 2023

Farm Boy, Ottawa, ON

Organized and stocked fresh produce on store shelves for easy customer access.

Key Accomplishments:

- Reorganized produce shelves, thereby increasing accessibility to produce.

EDUCATION

Master of Applied Science in Technology Innovation Management

Sep 2022 – Feb 2025

Carleton University, Ottawa, ON

- Successfully defended thesis with only minor revisions.
- CGPA: 10.5/12
- Developed a guide for creating a diagnostic tool to address challenges developers face in Agile teams.

Certificate in Full Stack Web Development

Apr 2023 – Oct 2023

Carleton University, Ottawa, ON