**William Armstrong Sr.**

Software Engineer |(945)227-7634 | [will.ea.armstrong@gmail.com](mailto:will.ea.armstrong@gmail.com) | [GitHub](https://github.com/warmstrongsr) | [LinkedIn](https://www.linkedin.com/in/williameaarmstrong/) | Garland, TX

**PROFESSIONAL SUMMARY**

Experienced sales and marketing professional with a background in project management, implementations, and leadership, (civilian and military), currently transitioning to a technical role in software engineering. Possessing an MBA and certifications in project management, Scrum, and Lean Six Sigma, along with recent completion of a full-stack web development bootcamp. Adept at collaborating with cross-functional teams, driving process improvements, and delivering successful projects. Seeking a technical role that leverages both management expertise and technical skills to contribute to a dynamic software engineering team.

**TECHNICAL SKILLS**

**Languages:** CSS, HTML, JavaScript, Python, SQL

**Frameworks:** Bootstrap, Flask, Jinja 2, Node.js, React

**Databases:** GraphQL, Microsoft SQL, MySQL, PostgreSQL, SQLite

**Libraries/Tools:** DBeaver, DB Browser, Git, GitHub, jQuery, Jupyter Notebook, Postman, REST APIs

**Certifications:** [Software Engineering - Coding Temple](https://www.credly.com/badges/1ca1ef4a-0cf5-427b-9c8e-b3dbc9818a5b/linked_in?t=ruor15) 04/2023, Project Management Professional (PMP) 05/2022, Certified Scrum Master (CSM) 06/2022, Lean Six Sigma Black Belt (ICBB) 06/2022

**PROJECTS**

*Capstone Project [*[*Pantry Plus*](https://github.com/warmstrongsr/PantryPlus)*] Developed a web application (Pantry Plus) that enables recipe management by employing Flask for the backend and HTML, CSS, and JavaScript for the frontend.*

* Implemented user authentication system, allowing only signed-in users to access features beyond the homepage such as current menu search, find by ingredients, database search, and Recipe Roulette.
* Leveraged Spoonacular API to dynamically fetch and update data, improving application data accuracy and offering users real-time recipe updates.
* Automated the addition of new recipes to the SQLite database upon discovery, demonstrating the capacity to create scalable applications and expand user options through automation.
* Established a robust testing environment using Postman, a virtual environment, facilitating extensive application testing and efficient bug identification and applied pagination to handle large search results efficiently.

*Additional projects:*

* Built a weather application enabling users to check weather conditions of any city by inputting the city's name.
* Created a user-centric shopping cart in Python offering a menu of items and providing options to add or remove items, view the current shopping cart, and see the total cost at checkout.
* Employed Python OOP principles to design a terminal-based blackjack card game featuring printed card designs.

**EXPERIENCE**

**US Bank / Mortgage Banker/ Scrum Master** **12/2021 - 06/2022**

* Nurtured solid relationships with key stakeholders, project team members, and clients while maintaining a pristine book of business and increasing sales by over 15% per quarter.
* Facilitated Scrum ceremonies (daily standup, sprint planning, sprint demo, retrospective) to ensure clear communication.
* Collaborated closely with the product owner to prioritize the backlog and ensure alignment with business objectives.
* Coached team members on Agile and Scrum principles with the aim of improving processes and maximizing productivity.
* Resolved impediments to team progress, ensuring efficient project advancement.
* Implemented a peer-to-peer rewards program encouraging teams to highlight outstanding performance.

**MILITARY EXPERIENCE**

**US Army / Staff Sergeant / Instructor / Squad Leader 01/2001 - 01/2013**

* Led and managed a team of 13-15 troops, successfully executing monthly mission assignments.
* Instructed and mentored future leaders in the Warrior Leadership Course, facilitating professional development.
* Implemented a quality control plan to improve operational efficiency, accuracy, and safety.

**EDUCATION**

**MBA, University of Phoenix /** Business Management

**BBA, University of Louisiana at Monroe /** Risk Management and Insurance

**Codeup/ Software Engineer** (Full-time student) **07/2022 – 10/2022**

* In person full-stack bootcamp. Partially completed.