

Marven Cantave

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PROFESSIONAL SUMMARY

A motivated professional transitioning into software development, bringing strong skills in problem-solving, adaptability, and collaboration. Demonstrates the ability to quickly learn new technologies, communicate effectively with both technical and non-technical teams, and work well in diverse environments. Well-suited for junior software developer roles, with a growing expertise in software development and a commitment to building innovative solutions and contributing to dynamic teams.

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, Python, HTML, CSS
- **Frameworks & Libraries:** Spring Boot, Vue.js, JDBC, Node.js, Swing, Apache POI
- **Databases & Tools:** PostgreSQL, E/R Diagrams, IntelliJ, Git, Maven, Postman
- **Testing & Debugging:** Unit Testing (JUnit), Integration Testing, Selenium, Web Scraping, Automation
- **Web Development & API Integration:** Responsive Design, RESTful API, SOAP API, External API Integration, GUI Development
- **Concepts:** Object-Oriented Programming (OOP), MVC (Model-View-Controller), Multithreading, Data Structures and Algorithms

PROJECTS

- Calorie Counter Application
 - Developed a Java-based command-line application to calculate a person's Total Estimated Energy Expenditure (TEEE) using user-inputted data and the Harris-Benedict and Mifflin-St Jeor equations. The application generates a Word document report using the Apache POI library, with Git employed for version control
- Flashcard Application
 - Developed a flashcard application as part of a LinkedIn Learning course on Vue.js, gaining hands-on experience with component structure, state management using Vuex, and integrating a Java backend
- Java Chat Application
 - Developed a Java client-server chat application with a GUI built using Swing, utilizing sockets for communication and multithreading to manage multiple concurrent connections and real-time message broadcasting
- Selenium Image Scraper
 - Developed a web scraping tool using Python and Selenium to automate the retrieval of royalty-free images from Vecteezy. Automated searching, filtering, and downloading images, while overcoming challenges like browser pop-ups and navigation issues to deepen my knowledge of web scraping, automation, and troubleshooting
- Specialty Crop Market Data Web Application
 - Developed a web application using Node.js, Express, and an external USDA API to retrieve and display specialty crop market data. The application processes and filters the data for specific commodities and dynamically updates the front-end.

PROFESSIONAL EXPERIENCE

Clinical Nutrition Manager

2022 – 2024

Aurora Cares LLC | Cleveland, MS

- Directed a nutrition care program for 240 residents, resulting in a 25% reduction in significant weight loss through targeted dietary interventions and continuous monitoring.
- Led weekly weight loss meetings with over 80% colleague attendance, providing expert guidance to enhance resident health outcomes
- Assessed and coordinated nutritional care for 50 high-risk residents simultaneously, leveraging advanced clinical expertise and fostering interdisciplinary collaboration for optimal health results

Project Lead

2021 – 2022

Feeding America | Jackson, MS

- Collaborated on a Feeding America initiative in rural Mississippi, establishing partnerships and developing tailored programs to address food and nutrition disparities in underserved communities
- Designed and implemented two programs with Mississippi Valley State University, significantly reducing food insecurity while creating sustainable support through innovative resource allocation and ongoing stakeholder communication

Extension Agent

2019 – 2021

Mississippi State University | Starkville, MS

- Led a CDC-funded obesity prevention program, managing 3 stakeholder coalitions for community development projects focused on enhancing physical activity and access to healthy food, demonstrating strong project management and engagement abilities
- Optimized a \$225,000 project budget by securing \$200,000 in additional in-kind contributions, improving infrastructure and access to healthy food and physical activity through targeted community initiatives
- Awarded a Community Service Award for innovative program leadership and co-authored a CDC journal article, demonstrating the ability to drive community-wide health improvements through strategic planning and collaboration

Research Assistant II

2018 – 2019

Case Western Reserve University | Cleveland, OH

- Designed and developed research survey instruments and training materials for a multi-site clinical research trial, enhancing data collection efficiency and accuracy through structured methodologies
- Developed an online database management infrastructure using REDCap and created data management protocols, improving data accessibility and consistency for a multi-site research trial

EDUCATION

Tech Elevator

2023 – 2024

- Full-Stack Bootcamp designing software systems and solutions with 800+ hours of education and application
- Key Skills: Java, SQL, HTML, CSS, JavaScript, Vue.js, MVC, Spring Boot, REST APIs, JDBC, Agile methodology

Case Western Reserve University

2014 – 2018

- Masters of Science in Public Health Nutrition, Cum Laude, 2016 – 2018
- Bachelors of Science, Human Nutrition, Cum Laude, 2014 – 2016