Raiji Sacaza

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EDUCATION

Bridgewater College - Bridgewater, VA   *8/2022 - 5/2026*
- Bachelor of Science in Computer Science: Full-Stack Web Development
- Minor in Business Administration
- Cumulative GPA: 3.2, Major GPA 3.4

Programming Languages: JavaScript, Java, Python, C, C++, SQL
Frameworks & Libraries: React, React Native, Vue, Express, FastAPI
Databases: MongoDB, MySQL
Cloud & DevOps: AWS, Docker, Firebase
Tools & Practices: Git, Postman, SCRUM, JSON,OpenAPI, OAuth, JWT, YAML

Work Experience

Full Stack Development Intern
Never Ending Solutions - Remote   *01/2025 - 05/2025*
- Engage in front-end and back-end development using React & Node.js to build and enhance web applications
- Participate in SCRUM meetings to collaborate with teams ensuring project delivery
- Assist in designing and maintaining databases, ensuring data integrity and optimizing performance
- Refactor and optimize existing codebases to enhance application efficiency and scalability
- Implement and adhere to security protocols to safeguard applications against vulnerabilities

Backend Software Developer
Bridgewater College - Remote   *5/2023 - 9/2023*
- Built working web application that allows students to track achievements through a KnowledgeChase challenge
- Adapted to backend principles and coding working under computer science professor
- Improved proficiency in JavaScript and JSON

Operations & Technology Associate
Five Guys Operations - Harrisonburg, VA & Baltimore, MD   *01/2022 - Present*
- Thrived in a fast-paced, multitasking environment requiring constant communication and coordination with team members to solve problems efficiently
- Applied analytical thinking to prioritize tasks, troubleshoot issues, and ensure smooth operations
- Gained experience using computer systems for order processing, inventory tracking, and data entry, building a strong foundation in technical tools and workplace software.
- Developed time management skills with coming to work on time and ready

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Projects

Web Scraper & Quote API – Node.js, Express, Axios, Cheerio

- Developed a RESTful API that scrapes quotes, authors, and tags from a live website and returns structured JSON data.
- Implemented query parameter filtering to dynamically retrieve quotes by author.
- Designed modular backend architecture using Express routers and ES module syntax for maintainability.
- Utilized Axios for HTTP requests and Cheerio for HTML parsing, demonstrating proficiency in web scraping and backend data handling.
- Prepared code for future enhancements including database integration (SQLite/MongoDB) and frontend display with React or Vue.

Spades (React Game) – React, react-dnd, TailwindCSS

- Developed a fully interactive 4-player Spades card game with AI opponents, implementing full game logic including bidding, tricks, scoring, and team play.
- Integrated drag-and-drop functionality using react-dnd to allow intuitive card interactions.
- Built AI opponents with basic strategy for bidding and trick-taking, showcasing algorithmic and state management skills.
- Managed game state and scoring with React hooks and functional components, enabling smooth gameplay and round resets.
- Styled UI with TailwindCSS, including player avatars, table layout, and responsive design.

Clover (Conversational AI Web App) – FastAPI, LangChain/Olama, ChromaDB, JavaScript/React

- Built a full-stack conversational AI chatbot capable of remembering context across multiple user interactions using ChromaDB for vector storage and retrieval.
- Implemented the backend using FastAPI, integrating with Olama for LLM-based natural language understanding and generation.
- Managed conversation memory and state efficiently, demonstrating expertise in contextual data handling and vector databases.
- Designed scalable API endpoints for sending/receiving messages, enabling seamless communication between the frontend and the chatbot backend.
- Showcased full-stack development skills including API design, AI integration, database management, and potential frontend integration for real-time chat interface.