

TECHNICAL SKILLS

- **Front-End:**

- JavaScript (ES6+), TypeScript
- React (components, hooks, state management)
- HTML5, CSS3, Responsive Design
- Tailwind CSS, Sass
- Flexbox, CSS Grid

- **Back-End & APIs:**

- PHP (fundamentals, backend integration)
- RESTful APIs
- Asynchronous programming
- API integration (Axios-style patterns)

- **Tools & Workflow:**

- Git, GitHub
- npm, VS Code, Chrome DevTools
- Modern front-end workflows (Vite learning & applying)
- Version control & collaborative development

SOFT SKILLS

- Strong problem-solving and debugging skills
- UI/UX-focused mindset
- Collaborative and feedback-driven
- Clear written and verbal communication (English - B2+)
- Self-motivated, adaptable, and eager to learn

CERTIFICATIONS & CONTINUOUS LEARNING

- **Completed:** HTML5, CSS3, JavaScript (ES6+), TypeScript, Angular, PHP, MySQL, NoSQL, Java, Python, C, C++, C#, Swift

- **In Progress / Learning Projects:**

- React + TypeScript Dashboard (Vite, Router, Form Validation)
- Symfony Fundamentals API Project

EDUCATION

- Center Grove High School – Diploma 2017
- Supplemented by continuous self-directed software development, certifications, and real-world projects.

SUMMARY

Junior Front-End and Full-Stack Developer with 2+ years of hands-on experience building responsive, user-focused web applications using React, JavaScript (ES6+), and TypeScript. Strong foundation in UI/UX principles, RESTful API integration, and clean, maintainable code. Proven ability to work independently on real-world projects, automate workflows, and manage production websites.

EXPERIENCE

FRONT-END ENGINEER – EARLY-STAGE STARTUP – SQUARESPACE, GODADDY, DNS, CONTENT MANAGEMENT, HTML/CSS, UI/UX, PAYMENTS, SUBSCRIPTIONS

- Designed and customized a production website with extensive UI/UX, layout, and styling work using HTML and CSS.
- Implemented and refined responsive layouts, accessibility improvements, and optional dark mode support.
- Fixed UI bugs and styling issues, iterating on design and usability based on real user feedback.
- Managed e-commerce functionality including card transactions, subscriptions, and business-level access.
- Supported user accounts, authentication flows, and subscription-based features.
- Managed domain services, DNS configuration, and renewals using GoDaddy.
- Maintained site updates, handled issues, and deployed ongoing improvements to support a worldwide user base with nationwide shipping.
- Served as the primary technical owner for website updates, reliability, and user-facing improvements.

PROJECTS

HYBRID AI AGENT CHATBOT – PYTHON, NLP, AUTOMATION

- Designed and built a hybrid AI chatbot to schedule appointments, answer FAQs, and handle initial intake for new patients.
- Implemented NLP-based intent detection and entity extraction to route users to structured workflows.
- Automated appointment scheduling logic and structured data collection for onboarding.
- Built modular conversation flows combining rule-based logic with AI-driven responses.
- Logged conversations and system events to support monitoring, debugging, and continuous improvement.

AI TIC-TAC-TOE – REACT, JAVASCRIPT, CSS

LIVE DEMO: [HTTPS://DANIELRAMOS-SOFTWAREDEVELOPMENT.GITHUB.IO/AI-TIC-TAC-TOE/](https://danielramos-softwaredevelopment.github.io/ai-tic-tac-toe/)

- Developed an interactive game using React functional components and hooks for state management.
- Implemented AI logic using the **Minimax algorithm** with multiple difficulty levels.
- Designed a clean, responsive UI with dynamic updates and user feedback.

WEATHER APPLICATION – JAVASCRIPT, PHP, HTML, CSS, REST API

LIVE DEMO: [WEATHERAPP.INFINITYFREEAPP.COM](https://weatherapp.infinityfreeapp.com)

- Developed a full-stack weather application integrating the OpenWeatherMap REST API with a **PHP backend** for secure and reliable data fetching.
- Implemented asynchronous data fetching in JavaScript with robust **JSON parsing and error handling** for invalid cities, coordinates, and network issues.
- Displayed current weather conditions and 5-day forecasts dynamically using DOM manipulation.

PERSONAL PORTFOLIO WEBSITE – HTML, TAILWIND CSS, JAVASCRIPT

LIVE DEMO: [HTTPS://DANIELRAMOS-SOFTWAREDEVELOPMENT.GITHUB.IO/WEBSITE/](https://danielramos-softwaredevelopment.github.io/website/)

- Engineered a responsive single-page portfolio to showcase front-end projects.
- Optimized for accessibility, cross-browser compatibility, and mobile-first design.
- Maintained clean layout and UI/UX-focused presentation.
- Managed deployment and updates using Git and GitHub Pages.

ANGULAR NOTES APP – ANGULAR, TYPESCRIPT, SCSS

- Developed a responsive notes management application using Angular components.
- Implemented CRUD functionality with persistent local storage.
- Applied TypeScript for type safety and maintainable application logic.
- Designed an intuitive UI using Angular Material and SCSS.

BRICK BREAKER – SWIFT, SPRITEKIT, XCODE (IOS & MACOS CATALYST)

- Implemented physics-based gameplay using SpriteKit and SKPhysicsBody.
- Designed adaptive input handling for touch and keyboard controls.
- Managed game states (start, pause, game over) with optimized update loops.
- Built modular, maintainable game architecture.