Emilio Marin

egmarinn@gmail.com | e-mar404.fly.dev | [@e-mar404](https://github.com/e-mar404)

Experience

Systems Administrator @ *Beta Academy*   Oct 2021 - Present

- Managing windows and chrome systems in a school environment with over 500 devices
- Upgrading, installing, and configuring application software and computer hardware through scripting
- Creating and maintaining system permissions and user accounts
- Assist hundreds of staff in troubleshooting of devices, software, and web applications with 98% user satisfaction
- Implement technology solutions that fit our needs with a possibility of improvement or scaling in the future
- Developed PowerShell scripts for easy deployment of applications and other policies, increasing install success rate by 30%
- Use Rest APIs to improve task efficiency by creating IT cli tools and
- Create and maintain website with a Go backend for scholar device auditing

Projects

Medical Clinic Web App @ *e-mar404/medical-clinic-website*

- Led a team of four developers in the creation of a comprehensive web application for a medical clinic, utilizing React for the frontend and Node.js for the backend API
- Managed MySQL databases, ensuring efficient data storage, retrieval, user authentication and management to support the application's requirements for patient records, appointment scheduling, and clinic operations.
- Implemented MySQL database triggers and events to enforce semantic rules and ensure data integrity. These triggers automated complex business logic, such as validating appointment times and ensuring referrals for scheduling appointments with a specialist
- Managed the hosting of the web application, increasing up time by 30%, security, and performance

Tooltip @ *e-mar404/tooltip.nvim*

- Utilize extensibility of NeoVim to create a plugin int Lua that shows the output of the current file
- Runs a variety of code files without any configuration
- Capability to extend and customize commands for any file extension and temporarily overwrite commands on the fly

Technical Skills

Languages: JavaScript/TypeScript, SQL, HTML/CSS, HTMX, C++, Go, Lua
Frameworks and Libraries: React, NodeJS, Bootstrap, Echo
Testing: Jest, Go (built-in), Test Driven Development (TDD)

Education

University of Houston

Bachelors of Science in Computer Science | *GPA 3.60*   2021-2024