

# Edwin Victor Franco

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## FULL-STACK DEVELOPER | PRODUCT ENGINEER | AI-ASSISTED BUILDER

Product-focused full-stack developer with hands-on experience building and shipping real-world applications. Known for moving quickly from idea to working system, using AI tools to accelerate development, debugging, and iteration.

Focused on building practical solutions that solve real user problems, with a strong bias toward shipping, learning from feedback, and improving systems in production.

## CORE SKILLS

JavaScript, TypeScript (working knowledge), HTML/CSS, Firebase, SQL, Git/GitHub | React-based UI patterns, real-time data handling, API integration | AI-assisted development, rapid prototyping, debugging complex system behavior | Building user-facing features, workflow systems, and backend logic | Iterating on live systems based on user feedback and real-world usage

## PROFESSIONAL EXPERIENCE

Spellgather LLC – Founder / Lead Developer

Oct 2025 – Present

Live: [www.spellgather.com](http://www.spellgather.com) | GitHub: [github.com/evictme](https://github.com/evictme) (code available upon request)

- Built and shipped a full-stack application from scratch, including real-time interaction systems such as intake, queueing, and audit tracking
- Designed system architecture and implemented real-time data handling using Firebase to support responsive, scalable user interaction
- Used AI tools extensively to accelerate development, debug complex issues, and iterate on features quickly
- Continuously refined the product based on real user interaction, improving workflows, usability, and system behavior in production
- Made ongoing decisions around tradeoffs between speed, architecture, and functionality to deliver working solutions efficiently

European American Association – Operations / Systems / HR Lead

2011 – 2016 | 2018 – 2025

- Built internal systems and tools to support day-to-day operations, focusing on usability and real-world workflows
- Designed and maintained a custom HRIS (MS Access, SQL), aligning system behavior with actual user needs across departments
- Identified inefficiencies in existing processes and rebuilt workflows into simpler, more reliable systems
- Worked directly with users to understand pain points and translate them into functional system improvements
- Iterated on systems over time, refining behavior based on feedback and observed usage patterns

## PROJECT HIGHLIGHTS

- Solved a critical VoIP/PBX failure that vendors could not diagnose by analyzing system behavior and isolating the root issue
- Diagnosed recurring system crashes and implemented safeguards to stabilize performance and prevent data loss
- Built tools to automate large-scale document processing, reducing manual effort and improving reliability
- Reworked operational workflows into digital systems, improving speed, usability, and consistency

## PROJECTS

Scribex – Embedded Hardware System | [www.spellgather.com/scribex](http://www.spellgather.com/scribex)

- Designed and built an ESP32-based system, working through hardware and software constraints to achieve stable interaction and control behavior
- Iterated through multiple prototypes, debugging real-world issues to refine system performance and usability