Josue Emmanuelle Raudy

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Education

University of Texas Rio Grande Valley — Edinburg, TX
Bachelor of Science in Computer Science, GPA: 3.5 — *Aug. 2023 – May 2026*
Certification: Foundational C# with Microsoft (freeCodeCamp), Feb. 2026
Relevant Coursework: Data Structures & Algorithms, Operating Systems, Computer Networks, Organization of Programming Languages, Software Engineering I/II, Digital Systems, Discrete Math, AI Powered Applications

Technical Skills

Languages: C++, C#, TypeScript, JavaScript, Python, SQL, Dart, Java, HTML/CSS, Bash
Frameworks & Platforms: ASP.NET Core, .NET, Microsoft Semantic Kernel, Flutter, Vue 3, React, Node.js, Firebase, FastAPI, Ruby on Rails
Tools & Data: Git, GitHub Actions (CI/CD), SQL Server, Firestore, Azure Entra ID, REST APIs, OpenAI API, Anthropic API, Zoom Phone API, Vercel, Postman, Vitest, Playwright, RSpec/Cucumber, Linux
CS Foundations: Data Structures & Algorithms, Object-Oriented Programming, Concurrency, REST/HTTP, Networking, Agile/Scrum, TDD/BDD

Projects

Blu J Command Center / Zoom Phone AI Agent | *C#, ASP.NET Core, Semantic Kernel, OpenAI API* — GitHub
- Built and piloted an internal AI assistant for Region One ESC Help Desk staff to query and administer a 472-user Zoom Phone environment through natural-language commands.
- Integrated Microsoft Semantic Kernel, OpenAI API, and Zoom Phone APIs to support tool-calling workflows across 38 call queues and 11 sites.

Field Wise | *Flutter, Dart, Firebase, OpenAI API, iOS Deployment* — *X Technologies RGV*
- Sole-authored a mobile AI troubleshooting assistant for field copier/printer technicians, deployed to technician iPhones for on-the-job use.
- Reduced average ticket-completion time by 50% by giving technicians instant access to service manuals and prior-ticket guidance through AI-assisted search.

Campus Vibes | *Flutter, Dart, Firebase, Firestore, Mapbox SDK* — May 2026
- Owned the Firebase/Firestore data layer for a 4-person senior capstone campus event-discovery app, including models, real-time stream listeners, and CRUD services.
- Implemented the event creation flow with title, time, category, image upload, per-user limits, and persistence across sessions and devices.

Experience

Computer Technician III, Internship — May 2025 – May 2026
Region One Education Service Center — *Edinburg, TX*
- Designed and shipped the **Blu J Command Center** AI agent (see Projects) for the Help Desk team's 472-user Zoom Phone environment, connecting classroom AI/.NET skills to a live workplace deployment.
- Partnered with the Software Engineering team to diagnose and clean up SQL Server / LDAP duplicate-account issues in an internal Professional Development app, restoring functionality.
- Provided daily Help Desk support across the Region One ESC campus covering hardware, Microsoft 365, Entra ID, Zoom Rooms, SCCM/MECM PXE imaging, and SQL Server – direct exposure to enterprise workflows ripe for automation.

Assistant IT Coordinator / Field Service Technician — Dec. 2023 – Mar. 2025
X Technologies RGV — *McAllen, TX*
- Built Python-backed inventory and dispatch workflows that prioritized service requests and optimized technician routing, reducing average response time by 50%.
- Configured, deployed, and supported client hardware, software, networked multifunction devices, and secure document workflows for healthcare and financial-institution clients.

Leadership and Activities

Roadtrip Nation – AI Skills Road Trip: selected as 1 of 3 national participants for a Google-sponsored PBS documentary on AI workforce impact.
Data Structures & Algorithms Architects: peer-led LeetCode/algorithm study group focused on technical interview prep, time-complexity analysis, and implementation trade-offs.
Honorlock SWE Mentorship: ongoing 1:1 sessions with a senior Software Engineer covering architecture, portfolio review, and full-stack monorepo patterns (ElysiaJS + Vue 3 + TypeScript).
BSides RGV 2026 Website Contributor: contributed to a public Next.js/Vercel conference website for the regional cybersecurity community.