Jason Gill

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🌐 Portfolio: jason-gill.netlify.app | GitHub: github.com/jasongill | LinkedIn: linkedin.com/in/jasongill

# Professional Summary

Motivated and curious Computer Science student with a passion for embedded systems, IoT devices, and full-stack software development. Skilled in designing real-world solutions such as a commercial-ready GPS + GSM micro-tracker and a custom-built scripting language interpreter. Adept in C#, C/C++, .NET MVC, Supabase, and microcontroller-level development. Seeking an opportunity to apply and grow technical skills in dynamic development teams.

# Technical Skills

• Languages: C#, C++, JavaScript, Python, Bash  
• Web Stack: HTML, Tailwind CSS, .NET MVC, Supabase, Git, SQL  
• Embedded/IoT: Arduino, ESP32, GSM modules, GPS (Neo6M), UART, ADC  
• Tools & Platforms: GitHub, Netlify, Visual Studio, Figma, Firebase

# Key Projects

🔹 Micro GPS + GSM Tracker  
\*A wallet-sized, low-power tracking device built for commercial use\*  
- Combined GSM and GPS modules to send live location via SMS & HTTP  
- Designed firmware with location filtering, heartbeat logic, and power-saving mode  
- Managed data via cloud dashboard and optional mobile integration

🔹 JasonScript Interpreter  
\*A custom scripting language interpreter inspired by ZabtaLang\*  
- Developed lexical analysis, syntax parsing, and runtime in C#  
- Supported basic arithmetic, conditionals, and loops  
- Used for class projects and personal understanding of interpreters

🔹 CatholicConnect App (Concept Design)  
\*Facebook-style social and liturgical app for global Catholic community\*  
- Planned features like parish locators, multilingual Rosary, and event livestreams  
- Explored Supabase for real-time data and user authentication

# Education

Bachelor of Science in Computer Science  
University of XYZ, Lahore, Pakistan  
Expected Graduation: 2026

# Achievements & Certifications

• Secured top marks in Embedded Systems & Web Programming courses  
• Completed “Introduction to Embedded C” on Coursera  
• Dean’s List (2023–24) for academic excellence

# Languages

• English (Fluent), Urdu (Native)

References available upon request.