Jake Pigg - Software Developer

St. Peters, MO | Jake@JakePigg.com | Portfolio: JakePigg.com | github.com/jakenbake97

Software developer with 5+ years of experience independently building and maintaining production software, websites, business applications, APIs, and automation. Experienced in owning systems end-to-end, from problem identification through implementation, deployment, and ongoing support, with a focus on building practical tools that improve workflows.

Technical Skills

Languages: C#, PHP, JavaScript, TypeScript, SQL
Frameworks & Platforms: .NET, Godot, Node.js, Express, WordPress, WooCommerce
Development: REST APIs, Database Design, Data Migration, Plugin Development
Tools & Infrastructure: Git, Docker, n8n, Cloudflare

Professional Experience

Sedation Equipment & Supply - Computer Specialist (Software Development & IT) | Jul 2021 - Jul 2026

- Served as the company's sole technical resource, responsible for software development, production WordPress/WooCommerce infrastructure, IT support, networking, and technical troubleshooting.
- Developed and maintained approximately 8–10 custom WordPress/WooCommerce plugins, including inventory management and customer rewards systems, while integrating and troubleshooting third-party extensions.
- Built a Godot application deployed to an Android barcode scanner and a custom REST API that allowed warehouse staff to quickly locate products and update inventory counts by scanning barcodes.
- Replaced a third-party points and rewards system with a custom implementation supporting customer data migration, transaction history, configurable Elementor components, and checkout redemption for a WooCommerce store with approximately 2,000 registered customers and 12,000 completed orders.

Conscious Sedation Consulting - Computer Specialist (Software Development & IT) | 2018 - Jul 2021

- Provided technical support and maintained company websites, software, computers, networking, and office technology while progressively taking on software-development responsibilities.
- Developed and maintained WordPress functionality and contributed to a website for a new business venture, including a geolocation-based directory for finding registered sedation dentists.
- Supported company seminars and traveled with company leadership to provide technical and operational assistance.

Selected Projects

Asset Review Tool - Node.js · Express · Discord · Docker
Built a Discord-integrated 3D asset review tool that lets team members interactively inspect and review .glb assets through a custom Discord Activity.

Bug Reporting Platform - Angular · ASP.NET · SQL · Discord · Docker · N8N · Ollama
Built an in-game bug reporting and diagnostics system with a companion backend and web viewer, capturing screenshots, game-state data, and build metadata for automated processing, AI summary, Discord notification, and report review.

Command Console - C# · Godot · Reflection
Built a reflection-based C# developer console for Godot with automatic command discovery, argument parsing, fuzzy autocomplete, and structured logging for debugging and playtesting.

Build Distribution Tool - N8N · Discord · Cloudflare
Automated build distribution by detecting Windows/Linux builds, generating download links, collecting test information, and publishing release notifications to Discord.

Education

University of Advancing Technology - B.S. in Game Programming, 2020
Summa Cum Laude · 4.0 GPA