



Marshall Burns

Software Engineer | Developer Advocate

📍 San Antonio, TX • @ marshallbcodes@gmail.com •
🌐 <https://marshallburns.me>

Skills

Technical Leadership

People Management, Embedded Leadership, Communication

Technical Content Creation

Video Creation, Live Streaming, Blog Posts, Technical Articles, Conference Talks, Documentation, API Documentation

Frontend Development

React, Astro, SvelteKit, TailwindCSS, Sass

Backend Development

HTTP Server, REST APIs, Spring Boot, NodeJS

Database Tooling

SQLite, MongoDB, Supabase, OstrichDB, Database Design, NoSQL

Authentication

Custom Auth Systems, Clerk Auth, Auth0

Application Deployment

Vercel, Netlify, Railway, Docker

Collaboration & Project Management

Jira, Trello, GitHub Projects, Slack, Microsoft Teams, Confluence

Version Control

Git, GitHub, GitLab, BitBucket

Programming Languages

Odin, C/C++, Java, JS/TS, Python, Go

Developer Tools

CLI Development, SDK Development, API Design

Profiles

🔗 [SchoolyB](#)

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✂ [SuperMarshall64](#)

Summary

Navy veteran and software engineer specializing in developer tools and technical content creation. Created OstrichDB, a natural language database system, and built its complete ecosystem from core engine to SDKs. Passionate about making complex technology accessible through clear documentation, educational content, and community engagement.

Projects

OstrichDB Web Application

Interactive web frontend built with React, running an OstrichDB backend
🔗 <https://ostrichdb.com>

OstrichDB CLI

Cross-platform CLI tool for OstrichDB with NLP capabilities
🔗 <https://github.com/Archetype-Dynamics/OstrichDB-CLI>

OstrichDB-JS

Javascript/Typescript SDK used to interact with OstrichDB API
🔗 <https://github.com/Archetype-Dynamics/ostrichdb-js>

OstrichDB-Go

Go SDK used to interact with the OstrichDB API
🔗 <https://github.com/Archetype-Dynamics/ostrichdb-go>

Education

Governors State University

2022 - 2023

Computer Science

Savvy Coders Bootcamp

2022 - 2023

Web Development

Content Creation & Speaking

- Speaker: "Embedded Leadership: A Guide To Leading From Within" (Commit Your Code Conference 2025)
- Speaker: "OstrichDB" (Alamo Tech Collective meetup)
- YouTube Creator: Systems programming, live coding, deep dives
- Technical Writer: Blog posts on OstrichDB and leadership

Experience

Archetype Dynamics, Inc

June 2025 - Present

Co-Founder & CEO / Lead Developer

San Antonio, TX

- Architected and developed OstrichDB, a natural language database system written in Odin, enabling developers to interact with databases using plain English queries
- Built custom HTTP server and RESTful API layer from scratch, implementing JWT-based authentication and role-based access control for secure multi-tenant database operations
- Created complete developer ecosystem including web interface, CLI with NLP capabilities, and SDKs for JavaScript/TypeScript and Go with comprehensive API documentation
- Produced technical content including setup guides, API documentation, and integration tutorials to support developer onboarding and adoption

Solitude Software Solutions LLC

September 2024 - Present

Founder

San Antonio, TX

- Founded software consultancy delivering custom web applications for local businesses using React, Node.js, and modern deployment practices
- Managed 3 concurrent client projects from requirements through deployment and post-launch support

Accenture Federal Services

April 2023 - March 2025

Tech Architecture Analyst & Software Engineer

San Antonio, TX

- Supported Security Operations for Centers for Medicare & Medicaid Services (CMS)
- Developed Python automation tooling that reduced certificate renewal processing time, eliminating manual intervention for 100+ certificates across CMS infrastructure
- Developed full-stack web applications for USDA using React and Spring Boot, supporting agricultural data management systems serving 50,000+ users
- Contributed to Agile development cycles including sprint planning, code reviews, and deployment automation using CI/CD pipelines
- Collaborated with stakeholders to gather requirements and implement features

Kros-Wise, Inc.

June 2020 - June 2021

Administrative Assistant

San Diego, CA

- Contractor administrative assistant at NIWC PAC supporting personnel operations
- Maintained organized documentation systems and processed personnel request forms including promotions, pay increases, and recruitments

United States Navy

January 2017 - September 2019

NSW RIB Lead Comm/Nav Officer

San Diego, CA

- Coordinated communication with Navy SEALs, Coast Guard MSRT, Marine assets and Navy Vessels in forward deployed operations
- Maintained and troubleshoot communication systems and navigation equipment in high-pressure operational environments

United States Navy

September 2014 - January 2017

Supervisor and Maintenance Technician

San Diego, CA

- Supervised workforce management and led technical operations for critical infrastructure at ACB-1
- Developed leadership experience managing diverse teams in challenging environments