

Johnathan Gray

Systems Architect | Full-Stack Engineer | Automation Specialist

Houston, TX | Phone: 737-977-4271 | Email:
Johnathan.the.White@gmail.com | [linkedin.com/in/INOV83D](https://www.linkedin.com/in/INOV83D)

Summary

Multi-paradigm software engineer with deep expertise in JavaScript, Elixir, C++, and C#. Proven track record leading SaaS platforms, AV systems, and automation for aerospace and live events. NASA innovation award winner and former CTO driving lean system integration and product delivery.

Technical Skills

- **Frontend:** JavaScript (ES6+), Web Components, HTML5, CSS3, Shadow DOM
- **Backend:** Elixir (Phoenix), Node.js, REST APIs, OAuth, JSON Schema
- **Systems/Native:** C++, C#, Robotics, CNC, RPA, BAS
- **DevOps & Infra:** Docker, VPN, Internal CDNs, Network Integration
- **Automation:** Process Automation, Home Automation, System Integration Testing
- **Design:** UI/UX, CAD, Adobe Creative Suite, AV Systems
- **Tools:** Git, Google Workspace, MailChimp, AutoCAD

Professional Experience

INOV83D — Founder, Coach, Software Lead

Houston, TX | 2023–Present

- Built financial SaaS and coaching dashboards leveraging JS and Elixir.
- Led marketing automation with Adobe Suite and MailChimp integrations.

GeoGro — CTO / Chief Design Officer

Remote | 2022–2025

- Led product architecture for NASA Plant the Moon award-winning project.
- Developed robotics automation and plant growth analytics systems.

The Vardo Agency — Director of Technical Operations

2023–2025

- Oversaw video production, AV integration, and custom software automation.
- Directed cross-functional teams to deliver software solutions and campaigns.

Church Theaters — Systems Architect & Engineer

2023–2024

- Developed custom OAuth and CDN-backed CRM platform using Elixir and JS.
- Managed marketing campaigns and technical delivery.

Firefly Aerospace — Robotics & Lean Systems Engineer

2021–2022

- Designed and implemented robotic systems and 3D CAD workflows.
- Built automation dashboards for aerospace R&D.

Awards

- NASA Plant the Moon Innovation Award (GeoGro)