DEFENSE-GRADE SOFTWARE SOLUTIONS

Edensoft Labs

We're a seasoned **USA-based** product team that's **worked together for over a decade** spanning **29 distinct roles** and **143 technical skills**.

WHAT TEAMS BRINGS US IN FOR

Product and UX Design Leadership from Day One
Rapid, Realistic Prototypes with real operators help clarify real-world needs and de-risk delivery—before any production code is written.

10M+ Lines of Well-Crafted Code
Where others start from scratch, we start with reusable, mission-ready libraries—built for defense, proven in the field, and ready to go.

100% USA Citizens with Key Cleared Staff
We develop in our access-controlled Ashburn, VA facility with key cleared staff available for classified coordination as needed.

World-Class Testing. Real-World Confidence.
We emphasize rigorous integration and system-level testing—not just isolated units—to validate across real-world workflows.

No Vendor Lock-In
Every engineer is trained in 149 maintainability best practices to deliver robust, well-documented code your team can own on day one.

Let's explore if there's a fit. ⬈

solutions@edensoftlabs.com | www.edensoftlabs.com/dgss

100% USA Citizens. 10+ Years Together. Highly Maintainable Code.

OUR COLLECTIVE EXPERTISE

ROLES WE BRING TO THE TABLE

Product & Management
Product Manager
Technical Project Manager
Product Engineer
Requirements Analyst

Backend Design
Solution Architect
Software Architect
Systems Engineer
Performance Engineer

Frontend Design & UX
UX/UI Designer
Usability Tester

AI & Machine Learning
AI Engineer
ML Engineer
Data Engineer
Data Scientist

Security
Security Engineer

Software Engineering
Full-Stack Developer
Web Developer
Mobile App Developer
API Developer

CI/CD
DevOps Engineer
Tools & Build Engineer
Quality & Testing
Quality Engineer

Databases
SQL Engineer
NoSQL Engineer
Big Data Engineer

Cloud
Cloud Engineer
Platform Engineer

QA/Test Automation Eng
Automation Test Architect

TECHNICAL SKILLS OF OUR COLLECTIVE TEAM

System Design & Architecture
Software Architecture Design
System Design
Requirements Discovery

Programming Languages
Python, C, C++, C#, Java

Web Development
ASP.NET Core, ASP.NET, .NET
React, Lit, jQuery, D3, Razor Pages
TypeScript, JavaScript, HTML, CSS

Mobile App Development
React Native

APIs & Messaging Protocols
REST, gRPC, WebSockets
MQTT, ActiveMQ Artemis

Security
Nessus, Rapid7, Trivy
AppArmor, SELinux

Design & UX
Figma, UX design
Data visualization

Databases
Elasticsearch, Sphinx
Cassandra, MongoDB, ArangoDB
PostgreSQL, Supabase, MariaDB, MySQL
Redis, SQLite

Big Data Processing
Apache Spark, Apache Kafka

Cloud
Amazon Web Services (AWS)
Azure, Google Cloud

DevOps & CI/CD
Git, GitHub, Azure DevOps, Perforce
Jenkins, Waf, CMake
Sourcegraph, ESLint, PyLint

Monitoring & Troubleshooting
Kibana, Beats, Logstash, JMX
Grafana, Wireshark, Pfsense

AI
OpenAI, Claude, Gemini, Perplexity
LLaMA, Mistral, Mixtral, StarCoder
Hugging Face, AnythingLLM, vLLM

Machine Learning
CUDA, Pandas, NumPy
PyTorch, TensorFlow, Unsloth

Testing & QA
Parasoft, SonarQube, Bullseye
Selenium, Eggplant, QAComplete
NUnit, Jest, QMetry
System testing, Exploratory testing, GUI testing
Load/stress testing, Performance testing

GIS & Mapping
QGIS, Google Maps, OpenStreetMap
Leaflet, GeorasterLayerForLeaflet
Cloud-Optimized GeoTIFF (COG)

Orchestration & Infrastructure
Kubernetes, Docker, Podman, CRI-O
Ceph, Rook, Heketi, GlusterFS, Kadalu
Blue/Green Deployments, Multi-tenancy

Deployment & Automation
Ansible, NSIS, RPM, DEBs
NGINX, Systemd

Project Management & Collaboration
Jira, HelixALM
Standuply, Code Collaborator

IDEs & Development Tools
VS Code, Visual Studio, Continue
Cursor, GitHub Copilot, Bolt

Documentation & Writing
Technical Writing, Doxygen
Confluence, MediaWiki, Markdown

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