NECARA SOLUTIONS

SOFTWARE ENGINEERING THAT MOVES YOUR PRODUCT FORWARD

Expert engineers and proven tools like Osteo Data Processing Engine™ help teams move faster by aligning requirements and execution from day one.

WHAT WE DO

- Linux and Open-Source Technologies
- ETL and Big-Data Processing/Analytics
- Backend Data-Flow Architectures
- Public/Hybrid/On-Premise Cloud Architecture
- Embedded Linux Systems Development
- Linux-based Product Prototype Development

- Microservices & Containerized
- Application Development
- DevSecOps and CI/CD
- Satellite/Space Communications Protocols (CCSDS, DTN)
- Ground-Element Architectures

WHY NECARA

01 20-years mission critical engineering experience

02 U.S.-based, low-turnover team

03 Software that accelerates Launch

04 Transparent engineering execution

05 Cloud-provider agnostic; eliminates vendor lock-in

06 Prototyping and proof-of-concept experience

INDUSTRIES SERVED

Aerospace & Defense

Oil & Gas

Quantum

Agriculture

Deep Tech

INTEGRATE. *ACCELERATE.* LAUNCH.

NECARA
SOLUTIONS

CORE TECHNICAL CAPABILITIES

Our software engineering team works across modern and legacy technology stacks, embedded systems, and cloud-native environments so that we can meet you where you are.

Languages & Frameworks
C++
Python
Java
JavaScript
TypeScript
HTML & CSS
PHP
VHDL
Verilog
Matlab
Bash

Application & Platform Development
React
Next.js
Node.js
Postman
OpenAPI
PostgreSQL
SQLite
MySQL
MariaDB
InfluxDB
Apache Cassandra

Cloud, Infrastructure & Runtime Environments
AWS
Azure
GCP
Digital Ocean
Docker
Kubernetes
Ubuntu
RHEL
Rocky Linux
Debian
Raspberry Pi OS
Kali Linux

Data, Messaging & Intelligent Processing
RabbitMQ
ZeroMQ / ZMQ / OOMQ
Apache Kafka
OpenCV
GStreamer
FFMPEG
PyTorch
TensorFlow
ONNX

Embedded & Systems Engineering
FreeRTOS
Buildroot
Yocto

Security, Automation & Delivery (DevSecOps)
Tenable / Nessus
OpenSCAP
Wireshark
Ansible
Jira
Bitbucket (Pipelines + runners)
GitLab
GitHub

PRIMARY NAICS CODES

541511 – Custom Computer Programming Services
541512 – Computer Systems Design Services
541330 – Engineering Services

COMPANY CODES

DUNS 117467066
CAGE 8JHT0

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