



COMPANY OVERVIEW

Cornerstone, a Veteran-Owned Small Business (VOSB), is a high-quality technology solutions provider serving the IT needs of government and commercial organizations. Cornerstone has a Top Secret Facility Clearance with employees cleared at Secret and Top Secret levels. Our mission is to provide premier consulting services and deliver innovative solutions, so our clients can quickly adopt new technology and drive success.

CAPABILITIES

Development

SAP

Development and support, ABAP, Hana, Fiori, SAP Business Flow, etc.

JVM languages

Java, Clojure, Scala, Groovy

Web

HTML/CSS, JavaScript/ClojureScript, AJAX

Services

RESTful, SOAP, custom

Systems Administration

SAS Admin

Systems Administration, server sizing, ITOPS, Systems Architecture, Networking Design, Patching and Cyber Support

Big Data

Hadoop, Storm, map/reduce, data warehousing

NoQL Stores

MongoDB, CouchDB, Riak, Cassandra, Neo4j, custom, key-value, document, column, graph

Cloud

Amazon Web Services, Google App/Compute Engine, DigitalOcean, Oracle, Eloqua

Relational Database

Oracle, SQL Server, MySQL, PostgreSQL, third normalized form (TNF)

Analytics

GIS, predictive analysis, data visualization, domain models

Technical Architecture

SOA + micro-services, distributed architectures, scalability, concurrency + parallelism, devops, source

COMPANY DATA

DUNS: 098922854 | CAGE#: 6NAB1

NAICS Codes:

- 541511 Custom Computer Programming Services
- 541512 Computer Systems Design Services
- 541611 Administrative Management and General Management Consulting Services
- 541613 Marketing Consulting Services

CERTIFICATIONS

- Navy Postgraduate School – Identity Management Certification
- SOA Certified Professional
- IBM Cognos 8 & 10 BI Multidimensional Author Certified: Reg# re8dtt51e2
- IBM Cognos 8 & 10 BI Metadata Models Certified: Reg# rfbdt51b5
- IBM Cognos 8 & 10 BI Author Certified: Reg# recdt5010
- IBM Cognos 8 BI Professional Certified: Reg# s6fdtt507b
- IBM Certified Solution Expert – Cognos BI
- Oracle Marketing Cloud Certified Consultant
- Oracle Marketing Cloud E9 Master
- Oracle Marketing Cloud E10 Master
- Oracle Certified Java Associate & Java Developer
- CompTIA Security++ & CISSP

DIFFERENTIATORS

- We focus first on gaining the key insight needed to build a vision and roadmap to the end goal.
- We then deliver a customized solution, while balancing technical, business, and operational needs.
- We encourage success by helping clients adopt new and transformative technologies quickly, allowing them to be responsive to the ever-changing needs of the organization.





Trusted by

Deloitte.

NORTHROP GRUMMAN



AUTOMATED CONTINUOUS EVALUATION (ACES) Defense Manpower Data Center (DMDC)

ACES is an insider threat software tool used by the DoD to detect potential security threats by integrating data from multiple data partners to identify issues of concern for a cleared subject.

We provided technical applications and database architecture for the highly scalable, high throughput ACES project. Utilized Service-oriented Architecture (SOA) techniques to develop micro services that carry out data collection. Collected data is then fused to create an over-all threat decision tool to identify cleared subjects who are potential security threats.

Technologies: Java (J2EE, JSF, Spring), Oracle Database 12c, MongoDB, JMS Queues, XML, XSD, XSLT, UML, Erwin

OFFICE OF NAVAL INTELLIGENCE AND AIR FORCE INTELLIGENCE Maui High Performance Computing Center

Cargo tracking systems for ONI and AFIA are used to identify cargo of interest. We provided Service-oriented Architecture (SOA), Ontologies and Data Warehouses solutions for use in integrating data for the purposes of identifying cargo of interest. Solutions included creating custom software that allows intelligence agencies to carry out daily intelligence activities. Technology integration approaches such as data fusion, federated databases and automated ingestion of data in support of Decision Support Systems (DSS) were implemented in this project.

Technologies: Database and Data Warehouse design, java, Oracle SOA Suite (BPEL, ESB, UDDI), Web Services, XML, Oracle 11g

JOINT PERSONNEL ADJUDICATION SYSTEM (JPAS) Defense Manpower Data Center (DMDC)

JPAS is an enterprise automated system for personnel security management, providing a way to record and document personnel security actions within the DoD, including granting interim clearances and submitting investigations.

We provided technical expertise in rewriting JPAS into a new system called Joint Verification System (JVS). This involved writing code to migrate data from JPAS into a newly designed database for JVS. Rewriting new front end interfaces that facilitate personal security management daily tasks for JVS. Participated in all facets of the software development life cycle including requirements creation, database design, writing migration code, authoring front end interfaces, performance tuning, quality management, project management.

Technologies: Java, PL/SQL, Data Warehousing design/ETL, Web Services, XML, XSD, XSLT, Oracle 10g, UML, Erwin

APOLLO Galileo/Travel Port

The Apollo reservation systems primary purpose was used to book air travel for United Airlines.

We provided application and database support for the Apollo reservation system. Primary technologies and contributions included maintaining highly scalable databases and application to support Apollo and the interface applications such as Orbitz, Cheap Tickets, eBookings, etc. Provided conversion of existing DB2 and Informix databases into Oracle 10g databases on a clustered Linux RAC; rewriting Java data access objects to access the new Oracle databases. Migration of legacy database and java data access objects into a Service-oriented Architecture (SOA).

Technologies: Oracle 10g RAC, Java (J2EE), PL/SQL, Custom SOA

