

# DAYEL OSTRACO

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<https://dayelostra.co> | [LinkedIn](#) | [Stack Overflow](#) | [GitHub](#)

## EDUCATION

**Purchase College, SUNY**, Purchase, NY

B.A. in Computer Science

B.A. in Mathematics

## SECURITY CLEARANCE

- Active DOD Secret Clearance

## PROFESSIONAL EXPERIENCE AND ACHIEVEMENTS

**Chief Sales Engineer, Catapult.io**, Charleston, SC and Singapore (<https://catpultio.com>)

July 2016 - Present

- Chief Sales Engineer of a Singapore based Digital Identity software development company focused on building scalable APIs that can leverage global, private, and hybrid Distributed Ledgers within highly secured banking and military environments. Our clients included Swisscom, Novartis, Glencore, essDocs, Philippines Government, Ivory Coast Government, and Northern Ireland Border Customs in anticipation of Brexit.
- Responsible for leading all sales engagements from initial contact to Production deployment support.
- Designed and managed the product roadmaps to support existing market needs as well as aligning platform development to enable sales engagement into new market segments.
- Managed and marketed a Distributed Ledger based Identity Management platform, Linxens dLoc, that immutably linked physical documents via NFC tags to their digital representations to overcome "breeder document" fraud. The entire platform consisted of several microservice APIs, distributed ledger providers, and iOS/Android apps deployed within Banking and Government infrastructures.
- Marketed and developed the mSTAX platform for the Defense Health Agency Identity as a Service platform that provided out-of-the-box API Microservices, iOS/Android SDKs, Hardware Based Common Access Cards, and Blockchain APIs that met FIPS 140-2 accreditations and Department of Defense's Risk Management Framework authorizations.
- Deployed an extensible Infrastructure as Code (IAC) managed Kubernetes implementation using Ansible and OpenShift that significantly reduced customer onboarding time by automatically instantiating and managing entire AWS VPC environments tethered to offsite private data centers managed by our customers.

**Chief Engineer, CACI International Inc.**, Charleston, SC

March 2016 - June 2017

- Head of Engineering Business Development Team responsible for all technical based capture management for CACI Government and Military contracts within their Southeast cost centers.
- Lead a 15-person Engineering team to develop a Big Data medical information platform for the Defense Health Agency, Veterans Affairs, US Army, US Navy, US Marine Corps and US Air Force.
- Developed 50+ service interfaces to ingest terabytes worth of HL7, CSV, FHIR and OMAP based patient data every day between all five branches of the US Military.
- Architected a componentized microservice economy of individually scalable and multi-tenanted transformation services using deployed to AWS GovCloud and internal .mil datacenters.

- Developed prototypes of common Machine Learning algos like Linear/Logistic regression and nearest neighbors within Hive using combined query languages built on Presto and Apache Spark.
- Developed iOS and Android medical applications for Medical Providers and Veterans.
- Implemented 3Scale API Management to expose and protect internal APIs to meet the Department of Defense's Risk Management Framework accreditation standards.

#### **Founder / Chief Technology Officer, Qonceptual, Inc., Charleston, SC**

June 2014 - December 2016

- Grew Qonceptual from a one-person 200k/year company to an 15 developer 2.5mm/year firm servicing large scale Commercial and Federal clients culminating in an acquisition an Atlanta based software services company.
- Lead all Professional Sales engagements from initial contact to contract close.
- Recruited, lead and mentored Qonceptual's Engineering division.
- Developed a microservice-based infrastructure foundation of scalable and reusable APIs to speed up development efforts, decrease service update frequencies, and increase profit margins.
- Re-engineered our entire infrastructure to use Docker, Kubernetes and Terraform.io to minimize our maintenance efforts, increase service uptimes, and increase support service contact profits (83%+).

#### **Director of Mobile Development, Starwood Hotels & Resorts Worldwide Inc., Stamford, CT**

July 2013 - June 2014

- Technical Lead for SPG on iOS and Android.
- Technical Lead for all Starwood Mobile R&D efforts.
- Worked directly with Google, Apple and Estimote Engineers to develop leading edge app features for the SPG platform.
- Lead Developer on Mobile Check-in that enables users to automatically check into a hotel and unlock their hotel room door with their iOS and Android devices.
- Developed SPG for Google Glass and the Pebble Smartwatch.
- Implemented and managed Starwood apps and services in the cloud using Amazon Web Services.

#### **Director of Software Engineering/Mobile Evangelist, SPARC, Charleston, SC**

February 2011 - July 2013

- Senior Technical Lead of SPARC Mobile, SPARC Skunk Works and SPARC Commercial managing 75+ engineers.
- Evangelized Mobile Development within Private and Government industries by seeking out and fostering relationships with clients and organizations to advance Mobile business opportunities.
- Sought out Strategic Partnerships and Teaming Agreements with other companies to compete for large-scale mobile development projects.
- Created a Mobile Development specialty from the ground up within the organization.
- Tactical Lead for three Scrum Development teams on the VA's Veteran's Medical Benefits System (VBMS), a large scale, 30-team Federal project.

### **PROGRAMMING EXPERIENCE**

**Languages:** Java, Swift, Scala, Go, Node.js, Objective C

**Frameworks/Platforms:**, Spring / Spring Boot, Hyperledger, Ethereum, Node.js, iOS, Android, Angular.js, JPA via Hibernate / Spring Data, J2EE

**Technologies:** MySQL/MariaDB, Oracle, MongoDB, Cassandra, Docker, Kubernetes, OpenShift, Hadoop, Redis, RabbitMQ, Ansible, Terraform.io

**Platform as a Service (PaaS):** Amazon AWS and GovCloud, OpenShift, Google Apps Engine