Richard Jason Lyders
Tech Leader / Solutions Architect

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A curious problem solver and natural leader, I design, develop, and implement solutions through open communication and efficient execution of a strategic vision that delivers real customer value. I accomplish this by collaborating with both the employees and customers to accept and manage risk using fast feedback loops while having a great time doing it.

I am a distinguished solution architect and full-stack developer with significant experience in software development in mobile and web solutions, design of systems architecture projects, successfully driving home highly visible objectives in both fast-paced startups and global enterprises.

CERTIFICATIONS

AWS Certified Cloud Practitioner
Issued by [Amazon Web Services Training and Certification](#)

SKILLS

- **Cloud**: Serverless, AWS CloudFront, AWS S3, AWS Lambda, EC2, ECR, RDS, SNS, AWS Batch, VPC, Cloud9, CloudWatch, IAM, AWS Secrets Manager, AWS Cognito, DynamoDB, AWS Amplify, AWS Lightsail
- **Languages**: go-lang, Java, Spring Boot, JavaScript, NodeJS, TypeScript, Dart, Python, PL/SQL, ReactJS, Angular, Svelte, Flutter, HTML, XML, bash scripting
- **Development**: IntelliJ, Microservices, REST, web services, Android, iOS, Flutter
- **OS**: Linux, Windows, MacOS
- **Databases**: Oracle PostgreSQL, MySQL, DynamoDB, SnowFlake
- **DevOps**: Jenkins, Docker, Ansible, Git, GitLab, BitBucket, SourceTree, Subversion, Maven

EXPERIENCE

USAA (initially contracted via TEK Systems), remote   **June 2021 TO PRESENT**
Solutions Engineer & Full-Stack Developer
As a lead solution engineer at USAA within the Bank Omnichannel group and Bank Automation Team, I designed and developed solutions for USAA Bank to automate manual processes and reduce repetitive tasks that provided our members with streamlined self-service capabilities, automated account creation and reduced paperwork while leveraging highly scalable, fault-tolerant, and cost-efficient infrastructure to support production systems both on-prem with OpenShift and in the public cloud using AWS. I leverage Gen AI, Agentic AI, and Vibe Coding to improve development efficiencies while working with teams to share our improvements across the enterprise to reduce time to market and optimize value streams.

AIR LIQUIDE AMERICA, LLP (LYDERS CONSULTING), Houston, TX   **DECEMBER 2014 TO JUNE 2021**
Solutions Architect & Full-Stack Developer
**Designed and developed custom re-usable module for AWS DataLake to import JSON and CSV data from external APIs.
**Designed and developed custom Ionic Angular mobile app for Android and iOS for communication amongst executives during plant emergencies built on Node.js, AWS Lambda, SNS, and DynamoDB.
**Proposed, gathered requirements, designed, developed and implemented a modern web 2.0 SPA for IT requests with approval workflow using node.js, Angular 6, and Python plug-ins for the Trac wiki.
**Managed and developed all life-cycle phases from design to production of an automated extraction solution in a multi-language/multi-country environment to meet the overall strategic objective of the migration of all customer, material, manufacturing, pricing, billing, and vendor data from Oracle EBS to SAP utilizing 3rd party consulting services to ensure we met or exceeded the requirements for the businesses with a strong focus on process and system standardization and establishment and maintenance of strong system governance.

KBR, INC. (PINNACLE MANAGEMENT SYSTEMS), Houston, TX   **FEBRUARY 2014 TO DECEMBER 2014**
Implementation Leader / Senior Technical Lead
**Implemented new features that allow project budget management for client and non-client projects along with capital projects within EcoSys EPC leveraging Oracle 11g database in a tightly integrated environment to Oracle EBS via Informatica.
**Spearheaded design and development and managed deployment of a custom suite of Web 2.0 tools to efficiently filter and convert EcoSys EPC XML interface and configuration files.

AIR LIQUIDE AMERICA, LLP (LYDERS CONSULTING), Houston, TX   **OCTOBER 2007 TO OCTOBER 2013**
Custom Oracle EBS Development Solutions Leader
**Managed multiple teams to accomplish parallel implementations through all life-cycle phases from design to production of a

multi-language/multi-country complex gas blend manufacturing solution in Oracle EBS to meet the overall strategic objectives of quoting, ordering, health-and-safety, workflow, analysis, costing, invoicing utilizing 3rd party consulting services to ensure we met or exceeded the requirements for the businesses with a strong focus on process and system standardization.
**Provided key technical input and evaluations towards selection of a multi-language/multi-country Web 2.0 mobile solutions vendor for an Oracle EBS custom asset management solution.
**Researched, planned, installed, and configured Oracle SOA environment, researched and planned service inventories, SOA standards, service models based on accepted SOA patterns, and SOA governance involving Oracle Enterprise Data Quality (EDQ), Oracle Data Integrator (ODI), and Oracle BPEL.
**Designed and developed a custom auto-transfer process for a custom order management solution within Oracle EBS that allowed users to avoid manual creation of transfer documents between locations when ordered blends were manufactured, shipped, and sold from different locations.
**Leveraged Oracle EBS Workflow, XML Gateway, and Oracle Business Events to develop an engineering item workflow for a custom order management solution within Oracle EBS that collected information from multiple source systems. The workflow automated the creation of Oracle inventory items such as item organization assignment, category assignment, and item cost.
**The business needed a simple but responsive project management solution with high availability until the long-term project management solution could be put in place, which was still 12+ months away from implementation.
**Designed and implemented a real-time validation embedded within the Oracle EBS PDF printer driver to check each invoice report output for key data elements within the PDF output.

VOILA IP COMMUNICATIONS, INC., Houston, TX   **OCTOBER 2005 TO SEPTEMBER 2007**
Director of Software Development and Custom Open Source Development
**Managed multiple teams to accomplish parallel implementations through all life-cycle phases from concept to production, including budget and timeline responsibility, of fully custom Web 2.0 company portal to meet the overall strategic objective of customer on-boarding, product registration, customer self-configuration, e-commerce, customer self-help, and monthly billing utilizing 3rd party consulting services to ensure we met or exceeded the requirements for the businesses with a strong focus on process and system standardization.
**Architected SOA environment implemented with ServiceMix ESB and Mule ESB.
**Managed a software development team that created a completely custom customer portal, including customer sign-up and configuration of VoIP telephone services using web services via Mule ESB.
**Designed, developed, and implemented database design and architecture for the customer portal.

EAGLE GLOBAL LOGISTICS (LYDERS CONSULTING), Houston, TX   **JANUARY 2004 TO SEPTEMBER 2005**
Oracle EBS Senior Consultant
**Designed and developed a custom PO auto-match solution within Oracle EBS using server-side PL/SQL packages, Oracle Forms, and Oracle Reports.

AIR LIQUIDE AMERICA, LLP (LYDERS CONSULTING), Houston, TX   **FEBRUARY 2000 TO DECEMBER 2003**
Oracle APPS and BroadVision JavaScript Development Consultant
**Managed all life-cycle phases from concept to production of fully custom code migration solution to meet the overall strategic objective of an Oracle EBS roll-out planned for global implementation utilizing 3rd party consulting services to ensure we met or exceeded the requirements for the businesses with a strong focus on process and system standardization.
**Co-developed an international, multi-language/multi-country order entry and invoicing system using custom Oracle EBS that leveraged server-side PL/SQL packages, Oracle Designer (CASE), Oracle Forms, and Oracle Reports.

Previous experience provided upon request