

Juan Waters

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SUMMARY

Senior technology consultant and enterprise developer with seven years of experience delivering SAP centered data, analytics, and application solutions across complex business environments. Hands on work includes SAP **HANA Modeling**, **SAP CDS Views**, Java, JavaScript, ABAP, OData services, APIs, **database performance tuning**, and enterprise integrations. Translates business processes into technical requirements, estimates, scalable designs, reusable models, and deployable functionality. Builds dimensional and transactional calculated views, assesses large datasets, resolves anomalies, tunes queries, and supports production applications across multiple layers. Partners effectively with architects, analysts, functional consultants, developers, data owners, and data scientists. Experience includes SAP BTP, AWS, Azure, DevOps, automated testing, Fiori, UI5, predictive analytics, technical documentation, and code reviews. Active **TS/SCI clearance** with CI Poly supports secure delivery for mission focused environments.

EXPERIENCE

Senior SAP Technology Consultant

July 2024 - Present

Potomac Digital Solutions

Arlington, VA

Leads SAP analytics and application delivery for finance and operations teams, guiding models, services, integrations, reviews, testing, releases, and **production support** while mentoring developers.

- Converted finance requirements into HANA models, CDS views, services, and deployable application changes.
- Standardized dimensional and **transactional views** across enterprise datasets for reusable analytical logic.
- Traced HANA bottlenecks and tuned procedures, annotations, and **metadata models** for steadier responses.
- Connected SAP workflows with external applications through **Java** services, **ABAP** enhancements, OData, and APIs.
- Profiled source anomalies with data owners and data scientists, validating rules for predictive workflows.
- Guided reviews, automated tests, deployment documentation, troubleshooting, and **developer** mentoring across delivery teams.

SAP HANA Developer

January 2022 - June 2024

Harbor Point Analytics

Baltimore, MD

Delivered **HANA modeling** and CDS solutions for reporting and transactional applications, owning feature estimates, data validation, integrations, testing, releases, documentation, and support.

- Built **calculated views** across operational sources, validating joins, granularity, exceptions, and provisioning behavior.
- Investigated long running queries through execution analysis, refining filters and calculations for dependable performance.
- Created ABAP reports, enhancements, debugging fixes, and **OData** services for business workflows.
- Added **JavaScript** and **SAP Fiori** UI5 features for role based application experiences.
- Connected SAP applications with external services through APIs and structured data exchanges.
- Improved **DevOps** delivery through repeatable checks, automated tests, peer reviews, and defect triage.

Application Developer

June 2019 - December 2021

Cedar Lane Systems

Richmond, VA

Developed enterprise application features across Java, JavaScript, relational services, cloud environments, and release pipelines, expanding ownership from components into complete application features.

- Developed Java and **JavaScript** features for internal operational systems and relational data services.
- Modeled transactional data and created **APIs** exposing consistent entities to web applications and integrations.
- Profiled source datasets for missing values, inconsistent keys, and processing anomalies before reporting.
- Supported **AWS** and **Azure** environments through source control, build pipelines, and test automation.
- Diagnosed defects across frontend, service, and database layers, delivering tested corrections without disruption.
- Contributed requirements, estimates, **design reviews**, code reviews, and **technical documentation** for releases.

PROJECTS

Secure SAP Analytics Model 📅 2026

Created a reusable HANA model concept combining dimensional views, transactional views, CDS annotations, data validation, and performance review for secure enterprise analytics.

Enterprise Integration Services 📅 2025

Mapped SAP and external system exchanges through Java, ABAP, OData, APIs, and structured documentation, with testing and production support considerations.

LEADERSHIP & AWARDS

- Recognized by delivery leadership for dependable SAP analytics and application support across finance and operations.
- Selected as a trusted peer reviewer for HANA models, CDS designs, automated tests, and release documentation.
- Earned team recognition for mentoring developers through practical code reviews and production troubleshooting.

EDUCATION

Bachelor's Degree in Computer Science
Virginia Commonwealth University GPA: 0
Coursework: Data modeling, database systems, software engineering, algorithms

2019
Richmond, VA

CERTIFICATIONS

- AWS Certified Developer Associate 📅 2025
- Active TS SCI Clearance with CI Poly 📅 2025

TECHNICAL SKILLS

- **SAP Data Modeling:** SAP HANA Modeling, Dimensional Modeling, Transactional Modeling
- **SAP Development:** ABAP, SAP CDS Views, SAP Extensibility Framework
- **Application Languages:** Java, JavaScript, SQL
- **SAP Services:** OData Services, SAP APIs, SAP Data Services
- **SAP User Experience:** SAP Fiori, SAP UI5, CDS Annotations
- **Cloud Platforms:** SAP BTP, AWS, Azure
- **Database Performance:** SQL Performance Tuning, Query Tuning, Procedure Tuning
- **Data Engineering:** Data Provisioning, Source Profiling, Anomaly Analysis
- **Analytics:** Predictive Analytics, Analytical Models, Metadata Models
- **Software Delivery:** SDLC, Requirements Gathering, Technical Estimation
- **Quality Engineering:** Automated Testing, Defect Resolution, Troubleshooting
- **Delivery Practices:** DevOps, Code Reviews, Design Reviews
- **Documentation:** Technical Diagrams, Technical Specifications, Implementation Documentation
- **Application Integration:** Enterprise Integration, Data Interfaces, Structured Data Exchange
- **Security Credentials:** TS SCI Clearance, CI Poly, Secure Application Support

SKILLS

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|--------------|------------------|-----------------|---------------------|
| • SAP HANA | • CDS Views | • APIs | • Azure |
| • Java | • OData Services | • SAP Fiori UI5 | • DevOps |
| • ABAP | • HANA Modeling | • SAP BTP | • Automated Testing |
| • JavaScript | • Data Modeling | • AWS | |

PROFESSIONAL AFFILIATIONS

- Association for Computing Machinery member, maintaining connection with software engineering practices.
- SAP Community participant, following HANA modeling, CDS development, Fiori, and enterprise integration topics.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST