|  |  |
| --- | --- |
| **Debra Kernstock** | Chesapeake, VA  debra.kernstock@gmail.com ▪ (757) 348-7306  linkedin.com/in/debrakernstockdatascientist |

**Configuration Manager, Senior Business Systems Analyst, & Data Scientist**

*20+ years’ success leading business systems analytics efforts supporting high-impact business strategies.*

**Active Secret Clearance - USMC Veteran**

Accomplished, goal-focused, and forward-thinking professional with an extensive background in data science and business analytics. Skilled in the development and implementation of key business intelligence solutions to enhance data analytics, project outcomes, and operational efficiency. Talent for providing transformational leadership to cross-functional teams focused on the facilitation of data-driven decision-making to mitigate risks and drive performance. Skilled in driving continuous process improvement and automation across business systems.

***Technical Proficiencies***

|  |  |
| --- | --- |
| ***Software:*** | Python, RStudio, SAP Visual Enterprise, IBM Rational ClearQuest, ClearCase, RequisitePro, Rational Jazz, DOORS, Serena Dimensions, RTC, Microsoft SharePoint, Standard Suite, Visio – UML, HP Application Lifecycle Management, Active Directory, IAM, SSOi, 2FA Role Base Access Control, Oracle Database, UDMIPS, TOAD, 3270 MCTFS/Confluence/Jira/TMS, Weka, Tableau, Power BI, Confluence, Jira, Doors |
| ***Programming:*** | UNIX, R, Python, SQL, C++, PowerShell, JQL |

**Highlights of Expertise**

|  |  |
| --- | --- |
| * Data Management & Analytics * Data Science Programming * Data Modelling * Risk Assessment & Management * Business Performance Management * Key Performance Indicators (KPIs) * Strategic Analysis & Planning * Business Processes & Systems * SDLC * Government Contract Administration | * Data Infrastructure * Database programming * Data Security * Agile/Scrum Methodology * Product Management * Relationship Management * Training & Facilitation * Continuous Improvement & Automation * Leadership & Development * Business Process Mapping |

***Certifications***

SCRUM Fundamentals Certified • Six Sigma Yellow Belt • SAFe Agile Product Owner/Manager (In progress) • Certification of Advanced Studies in Information Security Management

**Career Experience**

Core4ce

**Configuration Manager**, Remote (01/2021 – Present)

Monitors CM tools to identify new CDRL deliverables from vendor, review for urgent processing requirements; update status in tool, action to next state, enter comments and link attachments. Coordinate and aids Functional leads when necessary for needed documentation.

* Manages Configuration Item List; assigns all CID identifiers and crosswalk of naming conventions
* Implements Contract Data Requirements List (CDRL) as approved on the Preliminary Review Board.
* Manages documents in the official repository and activities in CM tool (support interfacing review boards as required)
* Updates baselines as required for SETRs and ad hoc requests by customer
* Works with HCA's and Advisory Board members with CM tool accounts, CSI information needed and training.
* Create queries in CETS tool Dashboard for program, update CSAR reports in tool; Configuration Item List; CID identifiers; implement Training Plan in groups & singularly
* Analyzes 2 CDRLs in cooperation with Functional Leads; Baseline Description Document and Configuration Status Accounting

SPINVI

**Configuration Manager**, Remote (09/2020 – 01/2021)

Develops and manages Request for Change (RFC) documentation for CCB and PRB facilitation (review packages, board minutes, decisions, and action items, etc.) Monitors CM tools to identify new CDRL deliverables from vendor, review for urgent processing requirements; update status in tool, action to next state, enter comments and link attachments. Coordinate and aids Functional leads when necessary for needed documentation.

* Manages Configuration Item List; assigns all CID identifiers and crosswalk of naming conventions
* Manages documents and activities in CM tool (support interfacing review boards as required)
* Updates baselines as required for SETRs and ad hoc requests by customer
* Works with HCA's and Advisory Board members with CM tool accounts, CSI information needed and training.
* Document Board minutes and action items; Agendas, Baseline reports, CM tool support requests, create queries in CETS tool Dashboard for program, update CSAR reports in tool; Configuration Item List; CID identifiers; implement Training Plan in groups & singularly

WWC Global

**IT Business Systems Analyst**, Norfolk, VA (01/2020-08/2020)

Business Management Information (BMI) project for the Naval Safety Center (NAVSAFECEN), which develops process maps as well as builds requirements, identified common activity types between processes to identify synergy opportunities, gap analysis, and aligned process maturity models in conjunction with project deliverables.

Responsibilities:

* Developed business processes for process owner and stakeholders from Level 2 CMMI up to Level 4 CMMI
* Demonstrated a strong ability to identify, analyze, and solve problems
* Translated problems into practical solutions
* Identified and proposes real-world solutions which are creative and cost-effective
* Developed projects to improve the effectiveness of the department and overall operation of the organization
* Demonstrated effective use of all organizational resources

Acro

**Systems Engineer**, Newport News, VA (09/2019-11/2019)

Performed technical planning, system integration, verification and validation, cost and risk, and supportability and effectiveness analyses for total systems. Analyses were performed at all levels of total system product to include: concept, design, fabrication, test, installation, operation, maintenance, and disposal. Ensured the logical and systematic conversion of customer or product requirements into total systems solutions that acknowledge technical, schedule, and cost constraints. Performed functional analysis, timeline analysis, detail trade studies, requirements allocation, and interface definition studies to translate customer requirements into hardware and software specifications.

Special Requirements

* Demonstrated proactive technical leadership of IT implementations and successful Scrum methodology implementation
* Ability to execute with minimal requirement details or projects requiring a great deal of discovery
* Extensive functional knowledge of manufacturing or Aerospace and Defense related to production scheduling and/or planning processes
* SAP manufacturing experience
* Test automation experience working with Worksoft

RL Leaders, Fort Eustis, VA

**Data Steward** (7/2019-8/2019)

Army Architecture Data Steward to support the Architecture Integration and Management Division (AIMD), an element of the Futures Integration Directorate (FID) reporting to the Army Futures Command’s (AFC) Futures and Concepts Center. Responsibilities:

* Participated in data strategy and authorized data sources and design
* Participated and provided technical leadership
* Accountable for data quality, definition, production, and usage of the AIMD data asset
* Profiled data to identify gaps/problems
* Created artifacts and documentation used by application development and the asset teams to create or enhance data flows from source systems
* Identified data quality and integration problems and developed a road map for curation. Investigate and resolve data anomalies, including data quality issues and ambiguous data definitions. Recommends data integrity checks and controls to ensure data quality.
* Worked closely with AIMD Architects to create and maintain data dictionary and data lineage

Apex Systems (Anthem), Norfolk, VA

**Project Manager** (2/2019 to 5/2019)

Oversaw the conduction of business systems analysis supporting enterprise-wide initiatives. Collaborated cross-functionally to plan and execute strategies for the Mobile App solution. Managed the refinement, requirements, issue remediation, and documentation of features. Coordinated efforts between product owners and analysts. Served in various capacities including Product Owner, Product Manager, and SCRUM Master. Prepared reports to visualize data supporting project execution. Analyzed user experience data and app performance to create stories and update epics. Facilitated training and education on business applications and processes. Led project, resource, and schedule tracking and reporting efforts.

* Enhanced UX and customer satisfaction by creating an effective app through comprehensive research of Touch ID/Fingerprint technology.

SAIC, Virginia Beach, VA

**Systems Engineer** (9/2018 to 2/2019)

Performed as a Systems Engineer overseeing the development of IT strategies and definition of requirements. Utilized business needs to build requirements and user stories. Designed and administered database solutions. Served as a Subject Matter Expert (SME) in industry best practices and analytics. Developed and architected analysis and engineering systems. Conducted system validation, verification, integrations, and analysis. Held accountable for analyzing life cycle costs and estimation. Delivered comprehensive Decision and Physical Configuration analysis. Oversaw database and model enhancements, optimization, tuning, and monitoring. Facilitated conversion of product requirements into system solutions.

* Effectively deployed system analysis and design solutions as well as interface/data architecture.

Veterans Enterprise Technology Solutions, CSS IAM Project, Remote

**Senior Business Systems Analyst** (10/2016 to 6/2018)

Provided strategic business systems analysis focused on the creation of positive customer and business unit interactions. Drove communication to understand client needs and expectations. Identified and analyzed opportunities to enhance customer experiences. Served as a point of contact for government partners. Leveraged scrum methodologies and Agile principles to drive project outcomes. Oversaw risk calculation and management across projects to drive optimal outcomes. Utilized Microsoft Visio. Edited and administered various artifacts including Epics, SubEpics, and User Stories CSS and Chapter 33 Long Term Solution Education (LTS\_EDU). Developed business requirements and gathered technical specifications.

* Instrumental in the building of API’s supporting a data migration project.
* Enabled requirements traceability from Sprint product backlog effectively managing baseline requirement changes leveraging Rational Jazz.
* Consistently met project deliverables on time and adherent to agreed acceptance criteria.
* Reverse engineered artifacts in the development of two-factor authentication.

ManTech, NAVSEA PMO IT 04I Contract, Norfolk, VA

**Business Analyst Lead** (4/2015 to 6/2016)

Directed the performance of business analytics associated with proposed UNIX and .NET-based Naval ship maintenance software application updates and implementations. Defined and translated user requirements. Developed and edited procedures for technical problem resolution. Leveraged various methods, including interviewing, document analysis, requirements workshop, storyboard, surveys, business processes, and viewpoints to elicit requirements. Integrated core Agile principles and SCRUM methodologies into the existing structure. Held accountable for creating workflows and process maps. Generated performance, reliability, and ad hoc reports. Validated system features in TOAD. Created data stories utilizing SQL. Formulated systems’ scope and objectives aligned with business strategies. Identified software failures to facilitate rapid correction.

* Successfully remediated staffing shortages, tactical issues, scope creep, and divergent across multiple projects.
* Spearheaded the development of the MSE Documentation team business standards through comprehensive audits and training in PMO IT compliance.
* Slashed defect remediation turnaround times.

TekSystems (Anthem & Optima), Norfolk/Virginia Beach, VA

**Business Systems Analyst** (12/2014 to 4/2015)

Delivered effective business systems analysis utilizing Agile and Scrum methodologies focused on quality analytics and project outcomes. Conducted object-oriented analysis to design workflow diagrams in Visio. Prepared Provider Data Management (PDM) service forms and Amerigroup Configuration Change Requests (ACCRs). Oversaw risk calculation and management. Administered multiple test environments supporting various implementations. Developed business requirements in collaboration with IT business analysts.

* Championed the development of a single application and point-of-entry for users effectively eliminating redundant maintenance across two tools, enhancing reporting and document retrieval.
* Expertly reverse engineered BRD documentation.

Oxley Enterprises®, Inc., Remote

**Senior Business Analyst** (8/2012 to 7/2013) (5/2014 to 11/2014)

Served as a Senior Business Analyst supporting operations of the Veterans Affairs (VA) Office of the Information Technology (OIT) Health Administration Product Enhancement (HAPE) International Classification of Diseases (ICD) initiatives spanning 10 national releases to 152 VA Medical Centers. Oversaw the design and development of use cases and business/activity/workflow diagrams. Liaised with cross-functional teams to communicate project objectives, scope, requirements, work breakdown structures (WBS), and milestones. Defined project processes and resources. Developed project roadmaps, strategies, schedules, and WBS. Oversaw the creation of ProPath artifacts supporting interim operating capability (IOC) test and production sites. Advised leaders on usability interface projects.

* Established IT services as a strategic partner in the business driving substantial enhancement in customer service and across-the-board performance.
* Conceptualized and implemented an effective communications strategy for governance changes, business efficiencies, and SharePoint features.

CACI, Chesapeake, VA

**Senior Business Systems Analyst - Lead** (3/2009 to 6/2011)

Managed the innovation of streamlined supply chain and software development efforts for EPUK. Oversaw resource procurement and allocation. Facilitated Agile/Scrum meetings encompassing sprint planning-check-in, scrum standups, as well as sprint review. Partnered cross-functionally to finalize designs and formalize requirements. Prepared use-case models, flow charts, and activity/data flow/ER diagrams leveraging Unified Modeling Language (UML) methodology. Managed the determination of requirements and the development of workflow processes. Performed software documentation per SEI-CMMI Level 3 standards. Facilitated requirements traceability from SRS to product backlog utilizing IBM Rational Suite. Researched and identified emerging business solutions. Documented and compared test results. Created and documented application test plans against requirements and specifications.

* Initiated the transition of software development to test-driven development (TDD) processes, bringing QA testing to front-end development to enhance quality, functionality, and programmer productivity.
* Stimulated a 20% increase in throughput utilizing swarming and Agile techniques.
* Improve team commitment through story selection, sizing, task definition, and the standardization of best practices reducing development time by 35%.

***Earlier experience as an Executive Administration Clerk and Active Duty Sergeant in the U.S. Marine Corps***

**Education & Credentials**

**Master of Science in Applied Data Science** - Syracuse University

**Certificate of Advanced Studies in Information Security Management** – Syracuse University

**Master of Business Administration in Marketing** - Saint Leo University

**Bachelor of Arts in Psychology -** Saint Leo University