

DOMENICO A. RUGGIERO

Saint Louis, MO • distinguished@thesoftwaremaestro.com

CAREER PROFILE

“An expert at becoming an expert” and “a quintessential consultant.” Senior data analyst and business process automation expert with 21 years experience developing Advanced Office Analysis and Automation (AOAA) solutions at United Space Alliance and Booz Allen Hamilton – companies with revenues over \$7.9 billion. Extensive list of clients and subject matter domains. Interact with all levels of an organization – from shop-floor operations to executive leadership.

Core competencies include Data Analysis and Reporting, Business Process Automation, Agile Development Methodology, Project Management, Training Development & Delivery, Customer Relationship Building, and Requirements Compliance. Active Secret clearance. Educational credentials of Master’s Degree in Industrial Engineering and a Bachelor’s Degree in Aerospace Engineering. Certification credentials of CompTIA Security+ and Agile™ Fundamentals.

CAREER HIGHLIGHTS

- Developed and marketed Advanced Office Analysis and Automation as a major element of my personal brand and expertise for the benefit of internal teams and external clients.
- Successfully completed over 130 primary and secondary follow-on engagements.
- Repeatedly tasked by senior leadership to engage in tactical selling and strategic initiatives.

PROFESSIONAL EXPERIENCE

THE SOFTWARE MAESTRO, LLC, French Village, MO **2019-Present**

Founded company dedicated to the achievement of people and software applications working together in harmony to produce an incredible performance.

- Automated cost estimation and financial management processes for Concrete Strategies, Inc. resulted in an increased number of job bids submitted, bids won, reduced errors, and improved project management.
- Developed complete package of Election 2020 data analysis and interactive touch-screen visualization solutions for on-air broadcasts by Church Militant, a large online Catholic media company.
- While simultaneously serving as an online instructor for multiple courses through Homeschool Connections, applied skills to improve their annual course catalogs resulting in attraction of new instructors, an over 25% increase in student course enrollments, and a catalog production time savings of 90%.

BOOZ ALLEN HAMILTON, St. Louis, MO and Cape Canaveral, FL **2007-2022**

Booz Allen is a leading professional services company, providing a broad range of services and solutions in management, technology, consulting, and engineering; during tenure primarily focused on data analysis, reporting, and robotic business process automation.

Advanced Office Analysis and Automation Service Leader **2010-2022**

Operating in a matrixed and ad-hoc basis throughout all markets and all geographies of the firm, served as the go-to expert to solve some of the most difficult challenges.

- Contributed to the winning proposal that replaced an aging and corrupt Air Force database with an entirely new Purchasing, Receiving, Inventory, Shop Issuance, and Manpower database. Developed a SQL Server and MS Access solution consisting of 40 linked tables, 55 forms, and approximately 5000 lines of code. Received *Living Our Values Every Day Gold Award* for the early delivery and “Exceptional” client performance evaluations on a contract with a \$300M ceiling.
- Developed a multi-user database linked to a SharePoint site for the assessment of Post-Certification Transitions for 16 Defense Health Agency medical markets and 41 stand-alone organizations. Processed the assessment data and automated the production of a 116 slide PowerPoint presentation with over 1000 discrete data connections.

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- Completed multiple successful automation solutions for the firm-wide Business Assurance Office. Highlights include the automated production of the Emergency Shelter-In-Place and Incident Management Plans customized for each of the 74 firm locations. Transformed the Business Continuity Process from a laborious annual manual effort to a frequently updated process with improved risk mitigation responsiveness.
- Participated in multiple Veterans Affairs Cyber Security engagements to facilitate resolution of non-compliant systems and threat vectors by increasing the efficiency of the thrice-daily status reports and dashboard updates.
- Developed multiple user interface forms for use within Microsoft Excel to aid users in the viewing and management of relational data and complex logic conditions.
- Developed and delivered an award-winning Introductory AOAA Training Program for a group of 16 senior data analysts supporting Navy contracts at the San Diego office.

Systems Engineer, NASA Constellation Program

2007-2010

Served our clients in the Ground Operations Project SE&I Division at NASA KSC and on the Constellation Technical Services Contract (CTSC) out of the Johnson Space Center on the Applied Systems Engineering Team within the SE&I and Information Systems Offices.

- Served as Deputy Task Manager of a team of 9 Systems Engineers
- Received 4 distinguished awards for the Program Support Requirements Document (PSRD), the Ground Operations Planning Document Database (GOPDb), Requirement Design Compliance, and automating processes resulting in reduced cost and increased capacity – saving over 2,100 man hours.

UNITED SPACE ALLIANCE (USA), NASA Kennedy Space Center, FL

2002-2007

Equally owned by The Boeing Company and Lockheed Martin Corporation. USA served as NASA's primary industry partner in human space operations for the day-to-day management of the Space Shuttle fleet, and the planning, training and operations for 55 Space Shuttle missions and more than 35 International Space Station (ISS) increments.

Structures Engineer, Project Engineer, and Software Developer

- Managed implementation of mechanical and structural engineering modifications and resolved Problem Reports during the Ground Operations processing of NASA's fleet of Orbiters from touchdown to liftoff.
- Sole developer of Shuttle Engineering Disposition System. SEDS grew from being an Access database used for personal productivity to a ColdFusion-based online tracking and metrics tool of Work Authorizing Documents executed by Shuttle Ground Operations. Used by 31 engineering departments in USA and by NASA employee counterparts. Received *NASA Software Award* from NASA Administrator Daniel Goldin.

EDUCATION

UNIVERSITY OF CENTRAL FLORIDA, Orlando, FL, 2008

Master's Degree in Industrial Engineering & Engineering Management

Held a 3.75 out of 4.00 Cumulative GPA

UNIVERSITY OF FLORIDA, Gainesville, FL, 2002

Bachelor's Degree in Aerospace Engineering

Sole recipient of the *2002 Dean Weil Award* from the College of Engineering for leadership and achievement

SKILLS

Microsoft Office Suite of Applications, Robotic Process Automation, Computer Programming multiple languages, Data Analysis & Reporting, Custom Data Visualizations, Interactive Executive Presentations, Public Speaking.

EXTRACURRICULAR & VOLUNTEER ACTIVITIES

AMERICAN RANGERS, St. Louis, MO 2016-Present

TOASTMASTERS INTERNATIONAL, Cape Canaveral, FL 2003-2007

AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS, Cape Canaveral, FL 2000-2007