

# NESTLEY BOLANTE



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## Information Security | Technology Excellence | Digital Infrastructure Management

- **Accomplished and tech-savvy IT professional** with over two decades of progressive career, setting elevated standards in information security, technology excellence, and digital infrastructure while leading impactful multi-stakeholder projects.
- **Track record of success in network engineering**, supporting complex IP enterprise LAN/WAN networks, managing emerging hardware/software & legacy technologies, and delivering cost-effective network solutions to drive organizational growth.
- **Adept at driving technological innovation and operational excellence**, crafting and implementing forward-thinking strategies to optimize system performance, enhance data integrity, and fortify cybersecurity postures.
- **Proficient in assessing vulnerabilities**, developing incident response plans, and orchestrating continuous cloud transformations to proactively mitigate risks, foster a security-aware culture, and enhance corporate resilience.

## EDUCATION

### Bachelor of Science, Electronic and Data Communications Engineering

ITT Technical Institute Jacksonville, Florida

## LICENSES & CERTIFICATION

14 CFR Part 107 Remote Pilot FAA  
IAAO Course 600 – Cadastral

Mapping Techniques ESRI ArcIMS  
Certification

## SIGNATURE SKILLS

IT Infrastructure Optimization

System Administration

Digital Transformation

Risk Mitigation

Operational Excellence

Customer Experience Enhancement

Cost Optimization

Project Management

Stakeholder Engagement

Cloud Computing & Data Analytics

Geographic Information Systems (GIS)

Software Development

Network Security & DevOps

Continuous Integration/Continuous

Deployment (CI/CD)

Disaster Recovery Planning

Virtualization Technologies

Automation & Orchestration

Technical Troubleshooting

Team Leadership

## KEY VALUE OFFERINGS

- **IT Infrastructure:** Led initiatives to modernize and optimize IT infrastructure, leveraging cloud technologies to enhance scalability, reliability, and performance.
- **Digital Transformation:** Drove digital transformation efforts by implementing advanced analytics, IoT solutions, and GIS technologies, resulting in enhanced decision-making capabilities and operational efficiency.
- **Cost Optimization:** Identified opportunities for cost reduction through process improvements, automation, and resource optimization, leading to significant savings and improved ROI.
- **Project Management:** Successfully managed complex projects from conception to completion, ensuring on-time delivery within budget and scope.
- **Cross-departmental Leadership:** Fostered collaboration and synergy between GIS and IT departments, streamlining workflows and communication channels to enhance efficiency and effectiveness organization-wide.

## CAREER CHRONOLOGY

### Information Technology Director

Bartram Trail Surveying, Inc. | Green Cove Springs, Florida May 2016 – Present

- **sUAS Program Development:** Pioneer development and implementation of a comprehensive sUAS program, ensuring regulatory compliance, streamlining operations, and optimizing efficiency.
- **Workflow Optimization:** Establish robust workflows within the UAS Division for data capture, post-processing, and maintenance, upholding industry standards and maximizing effectiveness.
- **Customized Flight Planning:** Generate customized flight plans tailored to clients' needs, adhering to FAA regulations, detailed data collection, and client satisfaction.
- **Precision Data Capture:** Utilize Trimble equipment for setting survey benchmarks and ground control points, ensuring accurate post-processing adjustments and delivery of high-quality data.
- **Infrastructure Inspections:** Conduct in-depth infrastructure inspections and digital media capture to provide tailored solutions, meeting diverse project requirements and exceeding client expectations.
- **Post-processing Proficiency:** Proficiently operate post-processing software, such as Pix4D Suite and DJI Terra, for efficient data analysis and visualization, enhancing decision-making processes.
- **Fleet Maintenance:** Maintain drones to manufacturer specifications, ensuring optimal performance and safety during operations and minimizing downtime.
- **Infrastructure Migration:** Lead successful migration of company's infrastructure to modern Windows Server environment, enhancing stability, security, and operational efficiency and minimizing disruptions.
- **Enterprise Domain Migration:** Steered the design and migration to a Windows Server 2012 R2 / 2019 enterprise domain, overseeing the deployment of active directory users and computers.

- **Server Build & Deployment:** Orchestrated the build and deployment of data servers, domain controllers, VPN servers, web servers, database servers, and virtual servers, ensuring robust infrastructure support.
- **File System Optimization:** Implemented Distributed File System (DFS) on remote and local servers, optimizing file management and access efficiency across the network.
- **Employee Training & Documentation:** Conducted comprehensive training sessions for new employees on company procedures and created detailed documentation on workflow protocols for systems.
- **GIS Systems & Database Management:** Implemented and oversaw all ArcGIS Enterprise systems and databases, including the deployment of ArcGIS Enterprise, to support spatial analysis and decision-making processes.
- **Budgeting & Technology Upgrades:** Produced budgets and conducted analyses of business processes to recommend necessary technology upgrades, prioritizing investments based on cost-benefit analysis and business needs.
- **Vendor Management:** Monitored vendors to ensure optimal service and value, staying informed about new features and competitor solutions to continuously enhance network capabilities and meet evolving business needs.

#### Information Technology Director

Marlyn Enterprises | Quality Life Center Jacksonville, Florida  
Space Monkey Solutions, Inc., Jacksonville, Florida

Feb 2010 – Nov 2013 / Nov 2014 – May 2016

- **HR System Development:** Directed design and implementation of an Electronic Health Records (EHR) System, revolutionizing internal healthcare management processes to streamline operations and enhance efficiency.
- **Infrastructure Migration:** Drove seamless migration of company's infrastructure to a contemporary Windows Server environment, bolstering system stability, security, and performance, ensuring optimal functionality across the organization.
- **Data Accessibility & Redundancy:** Instigated Distributed File System (DFS) to optimize data accessibility and redundancy, fortifying data management practices and mitigating the risk of potential data loss, enhancing overall data integrity and reliability.
- **Employee Productivity:** Championed comprehensive training initiatives and developed meticulous documentation to empower employees, significantly enhancing their productivity while ensuring they possess requisite skills to excel in roles.
- **Communication Systems:** Revamped communication systems to foster seamless collaboration and streamline information flow among team members, resulting in enhanced operational efficiency and improved coordination across departments.
- **Disaster Preparedness:** Implemented robust disaster preparedness protocols to minimize potential downtime and ensure uninterrupted business operations in face of unforeseen disruptions or emergencies, safeguarding organizational continuity.
- **Technology Upgrades:** Offered strategic guidance on technology upgrades and vendor selections, meticulously aligning solutions with corporate objectives to maximize value and drive sustainable growth.
- **Network Infrastructure:** Orchestrated maintenance of a cohesive network infrastructure, ensuring uninterrupted operation and optimal performance of IT systems and services while addressing business needs and technological advancements.

#### Senior GIS Analyst

The RAM Professional Group, Inc., Jacksonville, Florida

Nov 2013 – Nov 2014

- **GIS Database Creation:** Spearheaded development and oversight of GIS databases at Naval Facilities Engineering Command (NAVFAC), ensuring effective land asset management and adherence to organizational standards.
- **Network Systems Troubleshooting:** Leveraged expertise in network systems to diagnose and resolve hardware and software issues encountered during GIS database operations, ensuring uninterrupted functionality.
- **Security Compliance & Maintenance:** Ensured compliance and security of GIS databases in accordance with S.A.F.E. systems standards, safeguarding sensitive land asset information against unauthorized access or breaches.
- **Design Integration:** Integrated graphic design, web design, and VoIP system management skills to enhance the usability and accessibility of GIS databases, optimizing user experience for NAVFAC personnel.
- **Technical Training:** Provided inclusive technical support and training to NAVFAC users, empowering them with the knowledge necessary for proficient utilization of GIS systems.
- **Process Automation:** Utilized Python scripting in ArcGIS, ArcObjects, and ModelBuilder to automate processes and streamline data processing tasks, improving efficiency and reducing manual workload in GIS operations.

#### Information Systems Coordinator, GIS

Elite Information Systems, Inc. | City of Jacksonville, Jacksonville, Florida  
HDR, Inc., Jacksonville, Florida

Mar 2008 – Sept 2009

Mar 2004 – Dec 2005

- **GIS Data Integrity:** Piloted efforts to uphold the accuracy and reliability of GIS data within JEDC, ensuring data integrity for informed decision-making processes organization-wide.
- **Visual Communication Mastery:** Developed visually compelling graphics and presentations to distill complex information, enhancing communication effectiveness and aiding stakeholders in decision-making processes.
- **Network Infrastructure Optimization:** Managed and optimized the organization's network infrastructure to ensure seamless operations, minimizing downtime and facilitating uninterrupted access to critical GIS and IT services.

- **Awards & Honors:** Received prestigious accolades, including the Mayor's Rave Review Award and Employee of the Month honors, in recognition of outstanding performance and dedication to organizational success.
- **Emergency Preparedness:** Delivered essential IT and GIS support during emergencies, bolstering organization's preparedness and response capabilities and ensuring continuity of vital services in critical scenarios.

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## TECHNICAL SKILLS

**Cloud Technology:** AWS Cloud Practitioner CLF-C02 Certification, Azure Fundamentals AZ-900 Certification, Google Workspace. | **Network Administration:** Ethernet, TCP/IP, NetBios, DNS, routing, switching, LAN/WAN, FTP, IIS, network infrastructure design and deployment, firewall configuration and management, WiFi, SMTP, POP3, IMAP, SNMP, VoIP. | **Software/Platform Applications:** MS Office/Office 365 applications, AutoCAD C3D, Pix4D, Ardupilot Mission Planner, UgCS, Drone Deploy, DJI Go, Adobe Creative Suite, WordPress, MySQL, ESRI ArcGIS Enterprise, Mobile Smart Device OS/App, Trimble Business Center, LiDAR USA TerraPOS, ScanLook. | **Hardware Platforms:** PC Design and Build, Enterprise Server Builds, Mac/Apple Platforms, PIXHAWX, DJI, Trimble land surveying equipment.