Kenneth Ford

📍 Reidsville, NC | 📞 (336) 328-7984 | ✉ KennethJamesFordJR@gmail.com

Professional Summary

Results-driven Configuration Engineer with 10+ years of experience in CPQ systems, CAD integration, and product lifecycle management. Adept in Epicor/KBMAX, Autodesk Inventor, and SQL. Proven ability to lead cross-functional teams, implement scalable configuration systems, and collaborate with Product Management to streamline operations and improve user experience. Skilled in Agile methodologies and continuous integration environments.

Core Competencies

- CPQ & Product Configuration (Epicor KBMAX, Configure One)
- Product Management Collaboration
- CAD Automation (Autodesk Inventor, AutoCAD)
- SQL Reporting & Data Analysis
- Agile/Scrum & Project Management
- HTML, CSS, JavaScript
- Cloud & Virtualization Technologies
- Software Testing & Deployment
- User Support & Licensing Management
- Team Leadership & Cross-Functional Communication

Professional Experience

Configuration Engineer – Advanced Drainage Systems
Hilliard, OH | Oct 2023 – Present

- Designed and deployed custom CPQ solutions using Epicor/KBMAX Snap logic.
- Automated CAD workflows through Autodesk Inventor for seamless integration with configurators.
- Managed all aspects of system deployment across dev, test, and production.
- Created and optimized SQL queries and reports for stakeholder visibility.
- Led testing efforts and user acceptance validation with business analysts.
- Collaborated with security and IT for compliance and patch management.
- Provided end-user training and production support across configurator tools.

Product Configuration Specialist – Masterack
Social Circle, GA | Jan 2021 – Oct 2023

- Maintained and enhanced configurator functionality for pricing, BOMs, and quoting systems.

- Partnered with Product Management on UI/UX, layout design, product logic, and pricing models.
- Developed front-end configurations using HTML, CSS, and JavaScript.
- Supported internal stakeholders by documenting product compatibility and usage flow.
- Delivered reports using internal query tools for performance and pricing trends.
- Participated in product roadmap planning and cross-functional development reviews.

Configuration Engineer – SAP Support – Häfele America Co.
Archdale, NC | Jan 2015 – Jan 2021

- Collaborated with Product Management to ensure data accuracy for all configured products.
- Created and maintained SAP-based reports and forms using Configure One software.
- Updated and validated Bills of Materials with cross-team input.
- Worked with Category Management and Projects teams to align deliverables with customer needs.
- Managed internal dashboards and key KPIs for IT leadership.

CAD Technician – HSM Solutions (Triad Fabco)
High Point, NC | Jan 2013 – Jan 2014

- Created product and tooling designs using AutoCAD and Inventor.
- Developed presentation-ready technical documentation and product specs.
- Maintained engineering document databases and investigated product quality issues.

Sergeant – U.S. Army Reserve
Salisbury, NC | Jan 2002 – Jan 2013

- Led and trained a team of 7 soldiers during 3 combat tours in Iraq.
- Managed logistics spreadsheets and vehicle operations training programs.

Education

Bachelor of Science in Electronics Engineering Technology

ECPI University – Greensboro, NC | June 2014

Master of Science in Information Technology - Cybersecurity

Purdue University Global – West Lafayette, IN | June 2027