GEOFFREY WOODS

IBM i / AS/400 SENIOR PROGRAMMER ANALYST

RPG • BPCS • ERP • LEGACY SYSTEMS

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PROFESSIONAL SUMMARY

Senior IBM i / AS/400 Programmer Analyst and Consultant with 13+ years of hands-on experience developing, maintaining, troubleshooting, upgrading, and optimizing business-critical applications in complex ERP environments. Primary expertise in BPCS, with additional experience in Fiserv and HTE municipal systems. Deep knowledge of RPG across RPG II, RPG III, RPG/400 and RPG IV/ILE, along with DB2/400, DDS, SQL, CL/CLP, physical and logical files, batch processing, performance tuning, application reverse engineering, data warehousing, and ETL. More than 20 subsequent years of successful business ownership add practical operational, project-management, and user-focused perspective.

TECHNICAL EXPERTISE

IBM i / AS/400 Development: RPG II • RPG III • RPG/400 • RPG IV / ILE RPG • Fixed-Format RPG • Free-Form RPG • Embedded SQL • CL / CLP

Database & Development Tools: DB2/400 • DDS • Physical & Logical Files • Access Paths • Subfiles • Query/400 • PDM • SEU • SDA • DFU

Systems & Operations: Job Queues • Message Queues • Journaling • Program Dumps • CPF Analysis • System Logs • Spool/Print Files • Batch Processing

ERP & Enterprise Systems: BPCS · Fiserv · HTE Municipal Management · ERP Customization · Version Upgrades

Data & Modernization: SQL • Data Warehousing • ETL • Data Integration • Performance Optimization • Legacy Application Maintenance • Y2K Conversion

SELECTED TECHNICAL ACHIEVEMENTS

- Optimized large, long-running batch applications by analyzing RPG logic, database access paths, physical/logical file design, and processing flow to identify and eliminate performance bottlenecks.
- Reverse engineered RPG generated by the AS/SET CASE tool used with BPCS, enabling customized applications to be maintained directly without continued dependence on the original CASE tool.
- Designed and built a data warehouse using ETL principles to extract, transform, integrate, and load operational data for reporting and analysis.
- Completed Y2K conversions and ERP/application version upgrades, identifying date dependencies, adapting customized code, and validating converted systems.
- Developed CL/CLP solutions for system-log processing, enhanced security, batch automation, and multi-system database sharing to reduce duplicate data entry.

PROFESSIONAL EXPERIENCE

Owner | Emerald Coast One — Property Management **Current**

Gulf Breeze, Florida

- Own and operate a property management business, overseeing operations, property projects, technology, administration, and business management.

Owner / Operator | Old Clark Inn **Apr 2022 – Apr 2026**

- Purchased and revitalized a 100-year-old inn that had been in decline; directed renovations, technology modernization, branding, operations, and market repositioning.
- Increased revenue and restored the inn's visibility and competitive position through property improvements, updated systems, and refreshed business practices.

Owner / Operator | GreenWise Flooring **Jul 2004 – Apr 2022**

- Founded GreenWise Flooring from the ground up and operated the business for nearly 18 years, specializing in terrazzo floor restoration.
- Managed technical field work, estimating, scheduling, customer relationships, operations, and business administration.

AS/400 Programmer Analyst / Consultant | Woods Solutions **Sep 1991 – Jun 2004**

Provided programming, systems analysis, application support, troubleshooting, performance optimization, and technical consulting for IBM AS/400 environments, primarily supporting BPCS ERP applications, with experience in Fiserv and HTE systems.

WOODS SOLUTIONS — SELECTED CONSULTING EXPERIENCE

- Developed, modified, maintained, and troubleshot RPG applications spanning early fixed-format and logic-cycle programming through RPG IV/ILE and later free-form implementations.
- Integrated embedded SQL with RPG and applied deep knowledge of DB2/400, DDS, physical files, logical files, access paths, subfiles, and database relationships.
- Diagnosed complex production failures through program dumps, CPF messages, job information, message queues, system logs, journaling, and source-code analysis.
- Improved application usability by replacing cryptic CPF/system errors with meaningful, actionable messages for business users.
- Automated batch processes to reduce operator intervention and converted spool output intended for preprinted forms into print files suitable for laser printers.
- Conducted Joint Application Development (JAD) sessions with users and stakeholders to identify business requirements and translate operational needs into practical system solutions.
- Analyzed unfamiliar and poorly documented legacy applications to determine program logic, dependencies, database relationships, and data flow before implementing changes.

Selected Clients: Natural Beauty of Florida • Page Avjet • HTE • Fiserv • FMC • Dexter Non-Woven Materials • Kasko Manufacturing • America II Electronics • PharMerica • Wrightline

EDUCATION & CERTIFICATION

Bachelor of Science, Computer Science — Webster University, 1996

Associate of Science, Computer Programming and Analysis — Southern College, 1991

Java Certification — Sun Microsystems, 2008