

Ruth B. Kerzner

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Seeking Relocation

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Software Engineer ► Principal Leader Employment

Ten-year track record in delivering financial / trending data to support corporate profit objectives. Technically authoritative, performs complex financial analyses and provides data interpretation critical to business planning. Harnesses technology to transition labor-intensive front office operations into paperless systems, establishes proprietary customer databases, and conceives and orchestrates corporate web presence.

Core Competencies

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| ▪ Interpretive Financial Analysis | ▪ Accounting Processes | ▪ Regulatory Compliance | ▪ Business Planning |
| ▪ Accounting Based Research | ▪ Information Resources | ▪ Securitization Practices | ▪ Process Streamlining |
| ▪ Project Design & Management | ▪ Manpower Management | ▪ Financial Reporting | ▪ Budgeting & Forecasting |
| ▪ Computer & Financial Modeling | ▪ Training & Development | ▪ Ad Hoc Reporting | ▪ Risk Management |
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Experience & Accomplishments

Engineering Plus (formerly Engineering Solutions), Jersey City, NJ 6/03-Present
Newly consolidated Briar Patch subcontractor providing systems engineering, software engineering, and system integration products and services to the United States Army.

Software Engineer

Managed a team of 25 software engineers in accomplishing concurrent army weapon enhancement projects.

- Conceived, developed, and delivered projects on time 95% and within 5% of budget.
- Benchmarked best practices, rendering variance analysis and mitigation plans throughout process. Resolved project discrepancies early in design phase, yielding a 90% efficiency increase.
- Spearheaded reengineering of communication and war-fighting systems, utilizing OEM software to reduce cost and optimize accessibility. Streamlined system functionality, enhanced longevity, and optimized user-friendly capabilities.
- Orchestrated on-the-job and formal classroom training to advance staff skills. Implemented competency-based performance analysis and appraisal tools to identify top performers and facilitate progressive career movement. Conceived and created technical training documentation.

Project Synopsis:

- Designed, developed, and delivered real-time U.S. Army weapon system applications in multi-threaded, multi-processor environments.
 - Employed Object Orientated Analysis and Design (OOA/OOD) methodology using UML tools to create open and reusable system functionality.
 - Implemented Track Management (TBM, AAW, ASU, ASUW), Link Management (TADIL), Doctrine, Navigation and Identification, utilizing C++, Ada and CMS-2 languages.
 - Employed JNI interface to allow interaction with C++ and Java objects.
 - Designed and implemented multiple client and server TCP/IP socket interfaces and mathematically intense TBM track smoothing algorithms.
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Education

Bachelor of Science Degree, Accounting & Computer Science, New Jersey City University, Jersey City, NJ • May 2003

Technical Summary

Software: C++, ANSI C, Ada, CMS-2

Hardware: HP700 series, Sun, VAX, Powermax, Redhawk

Tools: Rational Rose, Clearcase; Nightview; Microsoft Word, PowerPoint, Excel, Project; Rhapsody

Operating Systems: HP-RT, SunOS/Solaris, Concurrent, VAX-VMS, Linux, UNIX
