

James E. Minick

San Diego, CA

www.linkedin.com/in/james-minick-sandiego/ • 6198519438 • james.minick@prodigy.net

Software Engineer

20+ years' success using software development life cycle (SDLC) to build technology solutions from architecture to support.

Results-driven senior software engineer with hands-on experience in Object Oriented Programming (OOP) and Object Oriented Design (OOD) in machinery industry. Expertise in testing design, development, and implementation. Adept at providing post-installation support of complex hardware and software systems. Equally capable of contributing effectively to high-performing project teams or working independently to enhance performance and increase profitability. Articulate communicator, skilled at explaining complex information in easily understandable language. U.S. Navy veteran (Petty Officer First Class).

*Software Design & Development • Automation • Object Oriented Design (OOD)
Object Oriented Programming (OOP) • Software Testing • Technical Troubleshooting
Embedded Systems & Software*

TECHNICAL PROFICIENCIES

| | |
|---|---|
| Programming Languages | Microsoft Visual C++/C#, Microsoft SQL Scripts, Borland C, Paradox Application Language (PAL), DBXL and Clipper, Pascal |
| Operating Systems & Environments | Microsoft Visual Studio, Windows OS, Microsoft Jet |

PROFESSIONAL EXPERIENCE

Sr. Software Engineer (1995 - 2018)

White Systems, A SencorpWhite Company

Leading provider of unique end-to-end automated solutions for packaging and management of clients' products.

C, C++, C#, Microsoft Visual Studio, RS232, TCP/IP, Borland IDE/C, MS-DOS, Novell

Gathered requirements, generated designs, and developed software solutions to meet customer software needs. Conducted software demonstrations for prospective customers. Installed and integrated custom solutions with third-party software using network TCP/IP and RS-232 protocols. Provided remote training and post-installation support through secure remote connection to customer workstations.

Key Achievements:

- Developed custom software using C/C++ in Microsoft Visual Studio environment with Microsoft Jet database interface.
- Played key role in developing, troubleshooting, and maintaining Microsoft Visual Studio C# client/server product using SQL/LINQ database interface.
- Built strong customer relationships, defining data components and requirements; preparing and delivering modifications as needed during life cycle development.
- Oversaw verification and validation testing, ensuring that both in-house and onsite software requirements and functional modifications were met.

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- Conducted technical troubleshooting, identifying configuration changes and tailoring software, system, and user interface modifications to meet customer needs.
- Prior to working with C++ in Microsoft Visual Studio environment, served as member of MS-DOS/Novell product team using Borland IDE/C interface utilizing ISAM databases.
- Coordinated remote control workstation installation through secure Internet connection; provided onsite installation support as needed.
- Ensured validity and verification of software integration with third-party hardware and host systems.

Additional Experience

Software Engineer, Diatek Medical Technology

Developed medical software using Paradox Application Language (PAL) and C programming languages.

Petty Officer, U.S. Navy

Designed and implemented software solution for tracking medical supplies aboard aircraft carrier, earning Navy Achievement medal.

EDUCATION & CREDENTIALS

Bachelor of Science, Computer Science
National University, San Diego, CA