

# James E. Minick

San Diego, CA

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## Software Engineer

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

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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*

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## TECHNICAL PROFICIENCIES

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

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## 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.*

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## **EDUCATION & CREDENTIALS**

### **Bachelor of Science, Computer Science**

National University, San Diego, CA