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.

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
Full Stack Web Development	HTML5, CSS3, JavaScript, NodeJS, Express, MVC, MySQL, NoSQL, React, MERN
Operating Systems & Environments	Microsoft Visual Studio, Windows OS, Microsoft Jet, Git, GitHub, Heroku, Google Cloud Services

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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.

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- Oversaw verification and validation testing, ensuring that both in-house and onsite software requirements and functional modifications were met.

- 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

Full Stack Web Development
Coding Bootcamp
UCSD Extension, San Diego, CA