

# Jie Pan

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## SUMMARY

A Full Stack Software Engineer with 15+ years of experience specializing in .NET technologies and a diverse skill set across multiple programming languages including C#, Java, C/C++, VB, Windows Scripting, HTML, JavaScript, CSS, and ReactJS. Expertise in database management systems such as Oracle and SQL Server. Currently leveraging AWS technologies and Docker containers to design and deploy innovative, scalable solutions. A strong advocate for high-quality code, passionate about crafting software that drives business success. A proactive team player who thrives in collaborative, team-oriented environments and excel as a self-starter with excellent self-motivation. Focused on continuous learning, growth, and process improvement. Committed to delivering high-performance solutions on time, maintaining a good balance of speed and quality.

## SKILLS

**Web Development:** ReactJS, HTML/CSS, Bootstrap, Javascript, Node.js, C#, ASP.NET, WebAPI, WCF

**Desktop/Mobile Application Development:** C#, C++, Java, VB.NET, WPF, UWP, Android Development

**Database Management Systems:** Oracle, SQL Server

**Others:** ADO, SVN, Agile Development, YAML, Git, Jenkins, AWS Services, Docker Container, VMWare

## EXPERIENCE

### STAFF SOFTWARE DEVELOPER

RTX

Apr 2023 - Present

- Led development of web applications using ReactJS and .NET, ensuring seamless user experience.
- Collaborated with AI team to integrate AI and AWS technologies into frontend applications.
- Developed REST API backend to support frontend applications and supported legacy web apps created with ASP.NET.

### PRINCIPLE SOFTWARE DEVELOPER

Collins Aerospace

Nov 2019 - Apr 2023

- Gathered software requirements and designed solutions for web and desktop applications using ASP.NET, SQL Server/Oracle databases, and .NET frameworks.
- Developed features in C#, C++, VB, JavaScript, and Java, while managing CI/CD pipelines with Jenkins and Azure DevOps.
- Actively participated in Agile teams, contributing to various projects using Agile methodologies.

### STAFF SOFTWARE ENGINEER

UTC Aerospace Systems

Mar 2016 - Nov 2019

- Guided team direction and decision-making for Windows and Mobile applications using .NET technologies.
- Developed web apps, WCF services, desktop apps, and UWP apps with programming languages like C#, C++, and VB.
- Worked on Embedded software development with TI OMAP RTOS and Microsemi SmartFusion 2SOC FPGA board.

### SENIOR SOFTWARE ENGINEER

UTC Aerospace Systems

Jul 2012 - Mar 2016

- Led small projects and mentored junior engineers at UTC Aerospace Systems.

- Explored new technologies and experimented with innovative approaches.
- Developed skills in project management, leadership, and technical expertise.

## SOFTWARE ENGINEER

Goodrich	Aug 2008 - Jul 2012
<ul style="list-style-type: none"> <li>• Collaborated with military and commercial customers to design, implement, and test updates to data analytics desktop applications for aircraft health data analysis.</li> <li>• Utilized .NET technologies (C#, C++ .NET, VB.NET), along with databases such as Oracle, SQL Server, MySQL, as well as scripting languages like Windows Scripting and VB Scripting.</li> <li>• Maintained VMWare virtual machines for development and testing.</li> </ul>	
SUPPORT ANALYST	
EQ2, LLC	Aug 2008 – Aug 2008
<ul style="list-style-type: none"> <li>• Supported inventory reporting services for hospital equipment management using Microsoft Reporting Service and Crystal Reports.</li> <li>• Collaborated with team members to troubleshoot and resolve technical issues.</li> <li>• Direct customer facing, providing solutions to their requests.</li> </ul>	

## WEB MEDIA ASSISTANT

University of Vermont	Oct 2004 - May 2007
<ul style="list-style-type: none"> <li>• Assisted in managing school websites by utilizing a Content Management System to create and update content.</li> <li>• Collaborated with team members to ensure accurate and engaging information was displayed on the University of Vermont websites.</li> </ul>	
WEB MEDIA ASSISTANT	

## PROGRAMMER

University of Vermont	Nov 2006 - Apr 2007
<ul style="list-style-type: none"> <li>• Developed a Java application for image viewer, enabling users to search and view images from a book written by a professor in the Education Department.</li> <li>• Collaborated with the professor to ensure the application met the specific requirements and functionalities needed.</li> <li>• Implemented search algorithms to enhance user experience and streamline image retrieval process.</li> </ul>	
PROGRAMMER	

## EDUCATION

### THE JOHNS HOPKINS UNIVERSITY

Master of Science - MS, Computer Science	2014 - 2018
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### UNIVERSITY OF VERMONT

Bachelor of Science (B.S.), Computer Science	2003 - 2007
Minor in Applied Mathematics	