JONATHAN FRANZONE

Senior Software Engineer

@ jonathan@franzone.com   🔗 https://www.linkedin.com/in/jonathanfranzone/

🔗 https://github.com/franzone   📍 Southeast US

SUMMARY

Full Stack Development professional with over 25 years of experience in software engineering and systems administration, expert in ASP.NET/C# and SQL Server. My key achievements include improving data processing accuracy and speed by 75% for online applications and reducing support calls by 50% through a unified student portal development. Seeking a Senior Software Engineer position where I bring my software engineering and systems administration skills to support your mission of delivering cutting-edge technological solutions.

STRENGTHS

Veteran Software Engineer
Over 20 years of full-stack development experience

Efficiency Enhancement
Improved data processing accuracy by 75% at Columbia Southern

Proven Automation Expert
Automated systems, reducing IT manual labor significantly

Authentication Systems Specialist
Secured multiple web resources with single sign-on security

EXPERIENCE

Senior Software Engineer
Columbia Southern University
01/2008 - 12/2008
Orange Beach, AL

- Improved data processing accuracy and speed by 75% through updating online application and enrollment forms using ASP.NET/C#
- Reduced support calls by 50% by creating a unified student portal using MVC.NET/C#
- Enhanced user experience for 30k students by implementing single sign-on services with Apereo CAS
- Automated Active Directory account creation for 30k students, reducing manual labor for IT staff
- Converted authentication systems to Microsoft Entra, enabling access to Microsoft 365 suite for faculty and students
- Improved build quality and consistency, reducing reported bugs by 30% with a new build server
- Secured the university's public website, reducing vulnerabilities by 99% with a staged server process

Senior Web Applications Engineer
Jobwarehouse.com
01/2000 - 01/2009
Orlando, FL

- Increased job placements by 30%, building a job board serving 500 companies and 2000 seekers with ColdFusion and Oracle
- Improved data integrity for over 100,000 records by administering Oracle database and maintaining data structures

Programmer 2
Rogers Software Development
01/2007 - 01/2008
Fairbanks, AK

- Synchronized data for over 10k salons internationally by creating a service to merge POS data with corporate Oracle databases
- Improved transaction efficiency by 15% by automating POS system updates on 2,000 installations using PHP and Linux

PROBLEMS I'VE SOLVED

✔ **Consolidation of Authentication Credentials**
Enabled 30k students to utilize a single sign-on to authenticate access to all university applications

⚙ **Active Directory Automation**
Automated account creation for 30,000 students, easing IT workload significantly

⊞ **Microsoft 365 Migration**
Enabled students to use standard software platform for the completion and submission of all work without additional costs incurred

📞 **Support Call Reduction**
Reduced support calls by 50% by developing a unified portal for students

SKILLS

Programming Languages
C# · Java · Javascript · PHP · SQL · T-SQL · VB.NET · ColdFusion · Delphi · Python

Web Development
HTML · HTML5 · CSS · Angular · jQuery · Kendo UI · ASP · ASP.NET · MVC.NET · Bootstrap

Database
SQL Server · Oracle · DB Administration · Data Migration · SSMS · MySQL

Authentication & Security
Apereo CAS · Single Sign-On (SSO) · OAuth · SAML · Microsoft Entra · Microsoft Graph · Active Directory · LDAP

Development Tools
Visual Studio · Netbeans · Subversion · Git · Docker

EXPERIENCE

Web Application Engineer   01/2007 - 01/2007
Bsecure technology   Fort Walton Beach, FL

- Improved user security for 5,000 households by enhancing web interface with HTML and JavaScript
- Improved upgrade efficiency by 30% for routers by facilitating firmware upgrades with a single executable file using Delphi

Data Systems Engineer   01/2006 - 01/2007
Preferred Systems Solutions   Charleston, SC

Senior Software Engineer   01/2003 - 01/2006
Consolidated Technology Solutions   Pensacola, FL

Systems Project Administrator   01/1998 - 01/2003
Florida Agency for Health Care Administration   Tallahassee, FL

Windows NT Administrator   01/1999 - 01/2000
The Zimmerman Agency   Tallahassee, FL

EDUCATION

Master of Divinity   2023
The Southern Baptist Theological Seminary   Louisville, KY

SKILLS

DevOps & CI/CD

Jenkins · Maven · Gradle · Ant · Nant · FinalBuilder · JMeter · AppDynamics · Load Testing · Test Automation · Selenium · Multi-Threaded Testing

System Administration

Bash Shell · PowerShell · Beanshell · Linux · Ring Central · Blackboard · Windows Server · DNS · Load Balancer

PASSIONS

◈ Writing beautiful code

♥ Spending time with family

🎹 Playing the piano / singing

⛓ Helping others improve their lives

INSPIRATION

"The only way to do great work is to love what you do." — *Steve Jobs*