

# Joseph Doyle Bowers

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## Professional Highlights

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- **Experienced Software Developer** - Experience Including lead roles on multiple projects utilizing languages including C#, Javascript, and ASP.NET developing software for a Global SaaS platform, Windows applications, mobile, and IoT devices.
- **Self Motivated Problem Solver** - Highly analytical and creative thinking; proven track record of Self-directed development to include reviewing/testing/documenting poorly documented code as well as exploration and integration of emerging technologies.
- **Skilled Communicator** - Comfortable communicating at all organizational levels including pitching projects to executives, training end users software and assisting coworkers with tech issues.
- **Trained Leader** - Leadership, attention to detail, pride in quality of work, and self discipline skills provided by the US Air Force.

## Professional Experience

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**InfoAccess.net**, Independence, OH, United States  
*Software Engineer / Web Application Developer*

November 2015 – October 2016

- Responsible for maintaining multi-tiered SaaS offerings spanning over 100 servers at 2 locations.
- Discovered source of multi-year bug responsible for 30+ weekly production faults, led development of a solution eliminating the errors.
- Led development of a global fix for legacy classic ASP sections of the site, correcting a long running issue with data corruption resulting from use of browser history.
- Identified various security threats present in the production environment, digested code surrounding the issues to isolate the cause of the security hole, and developed solutions to increase security and functionality of web applications.
- Led development of various feature additions and bug fixes, working closely with account managers and customers to ensure the results matched customers needs and requests.
- Volunteered outside my role to play a fundamental role in migrating SaaS offerings to a new data center; to include network infrastructure design and setup, troubleshooting, disaster mitigation, and redundancy testing.

**DATAQ Instruments Inc**, Akron, OH, United States  
*Software Engineer/Network Administrator/IT Systems Engineer*

September 2007 – November 2015

- Led development of Event Recorder application for the DI-161 LAN-based Event Data Logger, providing simplified event data collection and full integration with SQL Server; greatly simplifying physical event monitoring, event data manipulation, and removing recording limitations storage space.
- Led development of DATAQ PLC Terminal Emulator application to include functionality for pushing code to the DI-159's embedded BASIC programming environment, a collection of example BASIC programs, and feature rich BASIC IDE.
- Evaluate advancements in technologies to include evolving programming languages, frameworks, and APIs; as well as testing current software with new operating systems and developing applications for emerging IoT devices.
- Spearheaded ERP server upgrade from Windows Server 2008 system to Windows Server 2012 system to include updating/developing new custom software applications/scripts, server design, setup, and deployment resulting successful swap with zero down time.

- Collaborate with Electrical Engineers to analyze unique software and hardware requirements needed for specialized data acquisition applications; Develop modified hardware/software to fulfill specialized requirements.

**IOE Corporation**, Bonita Springs, FL, United States  
*CTO / Startup Engineer*

October 2013 – January 2014

- Analyzed available infrastructure options with a focus on a high degree of virtualization, dynamic scalability, and DevOps resulting in implantation of cloud based servers and e-commerce platform.
- Development of prototype applications to Google App Engine to handle back-end for IOE Corp hardware.

**F4 Customs**, Streetsboro, OH, United States  
*IT Consultant*

January 2013 – Present

- Deployed new server hardware to include installation, network integration, user roles, and set up of software packages; working closely with F4 team members resulted in their deeper understanding the system and software leaving them with the ability to solve many IT problems in house.
- Consult as needed for application deployment and infrastructure growth focusing on training to provide the F4 team the knowledge to accomplish similar tasks in the future.

**United States Air Force**, Anchorage, AK, United States  
*2W151 Aircraft Armament Systems F-15E*

January 2004 – October 2007

- Awarded Secret security clearance and regularly granted access to sensitive information.
- Led groups of 3-60 Airmen overseeing tasks ranging from mission critical to community volunteer opportunities.
- Responsible for maintaining mission critical weapons systems on a fleet of \$31.1 million F-15 Strike Eagle fighter jets.
- Recognized as top load crew, out of 15 crews, to represent the 90th FS in loading competitions.

## Education

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**University of Phoenix**, Beachwood, OH, United States  
*Bachelor of Science in Information Technology/Software Engineering*

May 2011 – March 2014

## Additional Information

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- **Software Proficiency:** Microsoft Visual Studios, Android Studios, Microsoft Windows Server 2003/2008/2012, DOS, Microsoft Office Suit
- **Programming Experience:** C#, ASP.NET, Classic ASP, JavaScript, Android app development, Java, Visual Basic, VBScript.
- **Technical Skills:** IIS, System Administrator, Web Applications Deployment, Network Architecture, Disaster Mitigation, Hardware and Software Implementation, PC Builds, Electronic/circuitry Troubleshooting
- **Business Attributes:** Leadership, Time Management, Quality Assurance, Design Quality, Technical and Non-Technical Communication, Analysis
- **Personal Hobbies:** My children, Learning new technologies, Arduino Robotics, Home Automation, Snowboarding, Camping, Travel