

Matthew Graham

.NET Framework ★ NodeJS ★ Python ★ PowerShell

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QUALIFICATIONS SUMMARY

- Software Developer with 6+ years of comprehensive experience in software development using Visual Studio through multiple programming languages. Knowledgeable in emerging technologies as well as business principles and processes. A considerate and innovative individual who has a good sense of teamwork to get results by instilling commitment, accountability, fairness, and loyalty.

TECHNICAL SKILLS

- **Programming Languages:** .NET, NodeJS, Python, Javascript, PowerShell, PHP, Java
- **CI/Testing:** NUnit, Selenium, BrowserStack, Jenkins
- **Web Frameworks:** ASP.NET WebForms, ASP.NET MVC, ExpressJS, CodeIgniter
- **Databases:** Microsoft SQL, MySQL, PostgreSQL
- **Version Control:** Mercurial, Git, SVN
- **Process:** Kanban, Agile

GITHUB PROJECTS

- **JonBons/Sublime-SQF-Language**
 - Wrote one of the first TextMate syntax highlighters for the SQF scripting language used by Arma 3's Real Virtuality 4 game engine with around 15K installs.

PROFESSIONAL EXPERIENCE

- 2013 - Present
- Software Developer, BirdDog Software, Oklahoma.**
- Wrote an email parser that ensured all emails generated by the software contained absolute URLs would be reachable by the recipient.
 - Implemented a wrapper in .NET to support using TinyMCE as a ASP.NET WebForms control to turn any textbox into a WYSIWYG editor for HTML content.
 - Added support for drag and drop table column grouping to SlickGrid javascript grid control. (<http://slickgrid.net/>).
 - Implemented ElFinder (<https://studio-42.github.io/elFinder>) to support uploading files and images to the website through a direct control or through TinyMCE.
 - Built a clientside item/category search page with browser history state handling and page caching in KnockoutJS that would display item and category results as two separate result columns or a single column if only items or only categories were returned.
 - Technologies got to work on: ASP.NET, KnockoutJS, Javascript, Selenium, NUnit, Microsoft SQL, Jenkins

OTHER PERSONAL PROJECTS

- Built an administration panel in PHP utilizing CodeIgniter framework for managing a private community's Arma game servers.
 - Image album: <https://imgur.com/a/ad13Nwp>
- Wrote a .NET HTTP server to send remote console commands to the Arma game server via jquery requests coming from the PHP admin panel I built.

- Image: <https://i.imgur.com/Wi6UGyZ.png>
- Wrote a tool that parsed log files generated by Arma's BattlEye anti-cheat engine and detected and banned users that execute non-trusted scripts and it'd send an email notification to myself and other administrators with the details of the ban.
 - Image: <https://i.imgur.com/gNXmddR.png>

EXTRA CURRICULAR AWARDS

- Participated in FIRST's FTC and FRC robotics programs for 4 years as a student (<https://i.imgur.com/2dur4Ak.jpg>) and a programming mentor.