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 receipient.
  - 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 seperate 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 later as a programming mentor.