MATTHEW K. WAYLES
843-368-9968 • mattwayles@gmail.com

Education and Achievements
Education
- *M.S Software Engineering* **– Boston University,** Boston, MA
- *B.S Computer Information Systems* **- College of Charleston**, Charleston, SC

Active Certifications
- *Oracle:* Certified Professional: Java 8 Programmer *(OCP 1Z0-809)*
- *Microsoft:* Certified Professional: HTML, JavaScript & CSS *(70-480),* Windows Server 2012 R2 *(70-140),* Windows 7 *(70-680)*
- *CompTIA*: A+, Network+, Security+

Awards
- *Boeing Team Hackathon – First Place* May 2021
- *Tapestry Solutions SPOT Award* July 2019
- *Tapestry Solutions Unsung Hero* December 2017
- *Tapestry Solutions Excellence in Production* December 2017
- *Scientific Research Corporation SPOT Award* April 2014

Technical Skills *(Organized by Exposure and Experience)*
- *Application Development –* Java, C#, Python, Kotlin, Node, VB.NET, C++
- *Web Development –* JavaScript (React, Angular, Vue), HTML/CSS, Redux, WebSockets, PHP, Bootstrap, Jest
- *API Development –* GraphQL, REST, Swagger.io, CXF, Axios, HATEOAS, HAL, SOAP
- *Mobile Development –* React Native, Flutter, LibGDX, Swift
- *Version Control –* GIT, Subversion
- *Development Environment*: IDEA, Android Studio, Visual Studio, Eclipse, Netbeans, XCode, IDLE, Unity, vim
- *Cloud –* Docker, Kubernetes, Docker Swarm, Docker-Compose, Amazon Web Services, Microsoft Azure
- *Build/Deployment Management –* Maven, Ant, Jenkins, Gradle, Puppet, Ansible
- *Code Quality & Security* – Coverity, Veracode, SonarQube
- *Authentication/Authorization –* CAS, SSL, HTTP Basic, Two-Factor, OAuth 2.0
- *Application Server –* Apache Tomcat, Firebase, NodeJS, Parse, Java Servlets
- *Spring* – Framework, Boot, MVC, Cloud, Security
- *Databases –* MongoDB, SQL Server, MySQL, PostGres, SQLite
- *Operating Systems –* Windows 10, RHEL 7, Ubuntu, Windows Server 2016, Mac OS X

Experience
Software Engineer, Tapestry Solutions – A Boeing Company, North Charleston, SC (September 2015-Current)
- Build a cloud-based PaaS system infrastructure using OS virtualization and custom Docker containers.
- Participate in architecture/design/development facilitating the modernization of Boeing's monolithic inventory/MRO application to a containerized, microservice-based SOA.
- Lead full-stack engineering of aesthetic web applications using React, HTML/CSS, and various backend technologies.
- Engineer and maintain API for applications using GraphQL & REST endpoints in a CXF configuration.
- Vigorous black-box testing prior to merging, often with 100% coverage requirements.
- Maintain a GitLab version control repository for team use.

References available upon request.   *Please visit my portfolio at www.mattwayles.com*

Systems Analyst, Scientific Research Corporation, North Charleston, SC (May 2013-September 2015)
- Develop and maintain software applications using C# and VB.NET in Visual Studio under Department of Defense contracts.
- Responsible for full software development lifecycle of several small applications.
- Write utilities in JavaScript, VBScript or AutoIt to integrate as system tools.
- Maintain a Subversion version control repository for team use.
- Build, update, and document Windows and Linux client/server systems at various classification levels.

Software Developer, T-Metrics, Charlotte, NC (July 2012 – September 2012)
- Develop a speech recognition platform using VB.NET and Microsoft Speech Platform.