

MATTHEW K. WAYLES

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Education and Achievements

Education

- **B.S Computer Information Systems - College of Charleston**, Charleston, SC (2009-2013)

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

- **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, VB.NET, C++
- **Web Development** – JavaScript (React, Vue), HTML/CSS, Redux, WebSockets, PHP, Bootstrap, Jest
- **API Development** - 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 discussions and software development facilitating the modernization of Boeing's monolithic inventory/MRO application to a containerized, microservice-based SOA.
- Full-stack engineering of aesthetic web applications using React, Java, HTML/CSS, and Spring
- Engineer and maintain API for applications using 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

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