

JONATHAN STEWART

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SUMMARY

Senior Full Stack Engineer with over 11 years of experience in designing and developing enterprise-level web and mobile applications using **.NET, ASP.NET Core, C#,** and JavaScript frameworks (**React, Angular, Vue.js**). Expertise in backend, frontend, cloud (**Azure, AWS, GCP**), microservices, and DevOps practices, leveraging technologies like **Docker, Kubernetes, Terraform**, and **CI/CD** automation. Proven track record in the **fintech** and **retail** industries, focusing on security compliance (**PCI DSS, GDPR**) and performance optimization. Strong experience in mentoring teams and fostering collaboration in Agile environments.

SKILLS

- **Languages/Frameworks:** .NET, ASP.NET Core, C#, JavaScript (ES6+), TypeScript, React, Angular, Vue.js, Blazor, Xamarin, HTML5, CSS3, jQuery, Node.js, Web API, REST APIs, SOAP services, MVC, MVVM, Prism
- **Backend:** .NET, ASP.NET Core, C#, Web API, Microservices, Azure Functions, Kubernetes, Docker, OAuth2, OpenID, JWT, Secure Authentication, PCI DSS, GDPR Compliance
- **Frontend:** HTML5, CSS3, JavaScript, React, Angular, Vue.js, Blazor, Bootstrap, jQuery, TypeScript, Responsive Design, Cross-Browser Compatibility
- **Cloud:** Azure (AKS, DevOps, Functions, SQL), AWS, GCP, Kubernetes, Docker, Terraform, Ansible, Azure Active Directory, IaaS, PaaS, Serverless Computing, Infrastructure-as-Code (IaC)
- **Databases:** SQL, PL/SQL, Microsoft SQL Server, CosmosDB, MongoDB, Oracle, Entity Framework
- **DevOps:** CI/CD Pipelines, Jenkins, Azure DevOps, Git, GitHub, GitLab, Docker, Kubernetes, Puppet, Ansible, Terraform, Bash, PowerShell
- **Testing:** NUnit, Selenium, XUnit, Mocha, Jest, Automated Testing, Unit Testing, Regression Testing, Integration Testing
- **Project Management:** Agile, Scrum, Kanban, Jira, Sprint Planning, Backlog Grooming, User Stories, Cross-Team Collaboration
- **Tools/Technologies:** PowerBI, Excel, Apache Kafka, KQL, Umbraco, SharePoint, XSLT, JSON, XML
- **Team Culture & Mentorship:** Technical Mentoring, Knowledge Sharing, Cross-Team Collaboration, Production Support, Root Cause Analysis

PROFESSIONAL EXPERIENCE

Target, Sanford, NC

Jun 2022 – Aug 2024

Senior Full Stack Engineer | **C#, ASP.NET Core, Azure, Angular, Microservices**

- Led full-stack development of web and mobile apps using **.NET, ASP.NET Core, Blazor, Xamarin, C#, Angular, Bootstrap, TypeScript, jQuery**, and **React** in retail sectors, adhering to **PCI DSS, GDPR, OWASP**.
- Architected **.NET**-based **REST APIs, SOAP** services, and microservices leveraging **Azure Kubernetes Service, .NET Core**, and **ASP.NET MVC**, optimizing performance and scalability.
- Streamlined **CI/CD** pipelines using **Azure DevOps, Git, GitHub, Jenkins**, and **Docker**, accelerating testing and deployment.
- Managed data models and pipelines with **Azure SQL, CosmosDB, MongoDB**, and **EF Core** to improve backend robustness.
- Integrated **OAuth2, OpenID**, and **Azure AD** for secure authentication following **OWASP** best practices.
- Employed **Agile** methodologies for project management via **Jira**, contributing to sprint planning, backlog grooming, and ensuring timely deliveries across cross-functional teams.
- Led serverless computing with **Azure Functions**, automating deployments with **Docker** and **Kubernetes**.
- Automated infrastructure management with **Ansible** and **Terraform**, advancing **IaC** practices.
- Provided production support, conducting Root Cause Analysis and issue resolution in **.NET**-based services in **Linux/UNIX** environments.
- Built front-end components using **HTML5, CSS3, Bootstrap, Blazor**, and **JavaScript** frameworks.
- Collaborated with **APIs**, using **JSON, XML**, and **XSLT** for seamless **.NET** environments.

- Conducted unit and automated testing using **NUnit**, **Selenium**, **Jest**, and **XUnit** for high code coverage.
- Generated performance and compliance reports with **PowerBI** and **Excel**.
- Integrated **Umbraco** and **SharePoint** for internal content management.
- Mentored junior developers on **.NET**, **Azure**, and frontend technologies, fostering team collaboration.

Walmart, Sanford, NC

Feb 2017 – May 2022

Senior Software Engineer | **C#, ASP.NET, Microservices, DevOps, Kubernetes**

- Developed a scalable microservices using **.NET**, **ASP.NET Core**, **C#**, **Web API**, **Node.js**, **Azure Functions**, and **Docker**, **Kubernetes**, **Azure DevOps**, **GCP**, **AWS**, **Terraform**, and **Puppet** for the retail and industrial sectors.
- Migrated monolithic applications to **microservices** architecture using **.NET** and **ASP.NET Core**, **Kubernetes** and **Docker**, employing **KQL** for diagnostics and log analysis
- Built **CI/CD** pipelines with **Azure DevOps**, **Jenkins**, and **Terraform** for automated testing and deployment of **ASP.NET** applications.
- Managed relational and **NoSQL** databases, including **Microsoft SQL Server**, **MongoDB**, and **Oracle** for high availability and efficient data modeling for **.NET** backends.
- Integrated secure authentication mechanisms with **OAuth2** and **OpenID**, ensuring compliance with OWASP, GDPR, and PCI DSS.
- Optimized cloud infrastructure using **Terraform** and **Ansible** across **AWS**, **Azure**, and **GCP**.
- Conducted regression, unit, automated testing using **NUnit**, **Selenium**, **XUnit**, and **Mocha**, ensuring high-quality releases of **ASP.NET**-based services.
- Participated in **Agile** ceremonies, mentoring junior developers in **.NET**, **DevOps** practices, and **microservices** design.
- Developed high-performance **APIs** with **ASP.NET Core**, integrating third-party platforms and using **Apache Kafka** for real-time event streaming.
- Automated infrastructure management with **PowerShell**, **Bash**, and **Ansible** for service uptime.
- Implemented **MVC**, **MVVM**, and **Prism** design patterns in **.NET** applications.

Stripe, Sanford, NC

May 2013 – Jan 2017

Software Engineer | **C#, JavaScript, ASP.NET, Backend, HTML, CSS**

- Developed large-scale backend services and **APIs** for payment processing using **.NET**, **ASP.NET Core**, **C#**, **React**, **Docker** and **Kubernetes** focusing on GDPR and PCI DSS compliance for financial services.
- Built dynamic front-end applications using **HTML5**, **CSS3**, **JavaScript**, **React**, **Angular**, **jQuery** to ensure cross-browser compatibility.
- Implemented relational databases with **SQL** and **PL/SQL** for high-traffic financial applications, integrating **Umbraco** for content management within **.NET**-based solutions.
- Automated **CI/CD** pipelines with **Git** and **Docker** reducing development cycle times.
- Created comprehensive test suites using **NUnit**, **Selenium**, **XUnit**, and **Mocha** for unit, integration and regression testing of **ASP.NET** services.
- Led data analytics efforts with **PowerBI** and **Excel** to provide insights for business decisions.
- Deployed scalable cloud solutions using **AWS** and **GCP**, managing infrastructure with **Terraform** and **Kubernetes** for **.NET**-based applications.
- Integrated secure **RESTful** and **SOAP** web services using **.NET** and **ASP.NET Core**, facilitating third-party payment gateways and internal financial systems.
- Contributed to **Agile** project management, supporting spring planning, user story creation and feature delivery in cross-functional teams.

EDUCATION

North Carolina State University
Bachelor's degree, Computer Science

Sep 2009 – Jul 2013