

# Chris Carpenter

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Passionate application developer and architect with a background in leading small teams to solve real business problems with excellent software development practices. Driven by agile principles such as test driven development, iterative delivery, feedback, and continuous learning. Extensive industry experience including:

## World Wide Technology

August 2018 - Present

Cloud Application Architect

St. Louis, Missouri

- Assisted developing go-to-market strategy for the newly formed MultiCloud Practice within WWT
- Led a small team of architects and developers to deliver cloud application strategy, including app rationalization, service architecture, automation, and cost optimization
- Executed the entire business pipeline including marketing, executive briefings, pre-sales, proposal writing, and delivery
- Advised an international beverage industry client to more quickly realize business value from the public cloud by implementing an iterative, application-based strategy instead of a more traditional lift-and-shift approach
- Enabled data science and analytics for a large research university by leveraging cloud-native tooling like Azure Data Factory and architecture principals such as canonical modeling, data governance, and horizontal scaling
- Gained AWS Associate certification for Solutions Architect, Developer, and SysOps Administrator

## Asynchrony

January 2015 - August 2018

Software Engineer

St. Louis, Missouri

- Introduced cloud development to an investment-industry client by designing and building an AWS-based customer portal with .NET, Redis, Angular5, and AppDynamics
- Constructed API to automate secure VM provisioning in Azure for a banking-industry client using Python, Flask, Azure, and HashiCorp Suite
- Developed company standards for .NET application security based on the OWASP 10
- Built and maintained web applications and APIs to track human interaction for an investment-industry client using Entity Framework, Web API, SignalR, and Angular2
- Exercised test-driven development with NUnit, Jasmine, Selenium, and Cucumber
- Architected and built search engine with federated security using Elasticsearch
- Set up continuous integration/deployment platform using Jenkins, Git, PowerShell, and Octopus

## Boeing

May 2013 - January 2015

Programmer/Analyst II

Bellevue, Washington

- Designed and built a web application to manage and track visitors to Boeing sites in Asia using entity framework, MVC, and bootstrap
- Implemented contextual application search to refine results for specific users using SQL Server full-text search
- Used Microsoft Test Manager to create and execute automated test plans for web applications

Supply Chain Systems Intern

St. Louis, Missouri

- Built Struts application to manage and report software change requests
- Implemented real-time performance monitor for invoice processing using Highcharts, Java, PL/SQL

## **Aflac**

May 2012 - August 2012

Business Intelligence Analytics Intern

Columbus, Georgia

- Constructed sales and human resource dashboards with SAP Crystal Dashboard and SSRS

## **ADTRAN**

June 2008 - August 2010

Engineering Intern

Huntsville, Alabama

- Used Adobe Flex, Struts, and Hibernate to build parts inventory, alarm severity, and network discovery panels for the Advanced Operational Environment
- Built client updater for Total Access Element Management System using Java RMI
- Implemented ArcGIS geographical mapping for customer service visualization

## **Louisiana State University**

August 2010 - December 2013

- Bachelor of Computer Science with a Software Engineering concentration