

ROB HORTON

robhorton@outlook.com

Technologies and Tools

C#, Angular, Java, HTML5, CSS3, JavaScript, TypeScript, Scala, Python, Bash, PostGres , SQL, Groovy, Terraform, JSON, REST, WebAPI, VB.NET, ASP.NET, XML, ASP

VSCode, Visual Studio, IntelliJ, Docker, Zeppelin, AWS (Console, CLI, Lambdas, ECS Tasks, Step Functions, S3, and IAM), Node, Jenkins, Azure Build Pipelines, Nexus, PlantUML, WinSCP, Putty, PuttyGen

Experience

RGA	Chesterfield, MO	Senior Developer	2020 to present
<ul style="list-style-type: none">Contributed to the enhancement and support of business applications hosted on AWS, written in Node, Java and React, working alongside the team to meet the needs of internal stakeholders and ensure optimal application performance.Leveraged generative AI techniques for efficient software development and code generation, resulting in streamlined development and faster go-to-market strategies.Regularly ensured compliance with SSDLC updates for both Java and Node, demonstrating adaptability and thoroughness in maintaining software quality.Pioneered the modernization of legacy .NET applications (circa 2008) from the ESP Workflow team, transforming desktop applications, APIs, and internal services to align with RGA's current SSDLC standards.<ul style="list-style-type: none">Championed the migration of the source code to Git, ensuring the secure transition of sensitive information from source code to Vault (a secret manager).Established state-of-the-art deployment pipelines, showcasing proficiency in adopting and integrating cutting-edge technologies.Played a pivotal role as the primary technical expert for ESP; collaborated closely with leadership, architects, and cross-functional teams.<ul style="list-style-type: none">Devised and executed a holistic migration plan, ensuring secure off-boarding of all clients, meticulous data archival, and crafting forward-looking solutions for data retrieval post-ESP decommissioning.			

Used: C#, VB.NET, AWS, Angular, Powershell, JavaScript, Bash, Visual Studio, SQL Management Studio, VSCode, Jenkins, Nexus, PlantUML, Java, IntelliJ, Generative AI

Daugherty Business Solutions	St. Louis, MO	Senior Developer/Dev Lead	2018 to 2020
-------------------------------------	---------------	----------------------------------	--------------

Client: RGA in Chesterfield, MO

As a senior developer on the team, I worked with architects, developers, and data engineering team members to provide solutions RGA planned to market to external clients.

Daily activities in addition to writing code included participation in Scrum meetings, leading Scrum meetings, code reviews and documentation of processes/designs.

- Building internal applications that the business will use to market data-product offerings to their clients.
 - An Angular application is leveraged so clients can upload statistical data to a secure AWS S3 bucket. From there an AWS Step function orchestrates a workflow process to analyze the data and provide output that the client can then download via the UI for further analysis as needed.
 - The application uses a service oriented architecture/microservices for reusability and scalability.
- Building application infrastructure via Terraform.

- Creating application CI/CD pipelines in Jenkins and Azure.
- Participating in regular Scrum ceremonies with the team (Standup, Planning, Review and Retro).
- Leading task breakout sessions for team so that the team has a clear understanding of the delivery details on all stories committed to in the iteration.
- Supporting legacy Java Spring application as needed for minor enhancements.

Used: Angular, HTML5, CSS3, JavaScript, TypeScript, Scala, Python, Bash, PostGres SQL, Groovy, Terraform, Java, VSCode, IntelliJ, Docker, Zeppelin, AWS Console, AWS CLI, AWS Lambdas, AWS ECS Tasks, AWS Step Functions, AWS S3, AWS IAM, Node, Jenkins, Azure Build Pipelines, Nexus, PlantUML, WinSCP, Putty, PuttyGen

Client: RaboAgrifinance in Chesterfield, MO

As a senior developer and team lead, I worked with on-site Daugherty leadership as well as the dev team to estimate and design work for upcoming sprints. Worked closely with leadership to provide feedback on team performance metrics.

- Helping guide other developers on the team in discussions of leading practices, code-reviews, and team sprint goals.
 - Meeting with other dev leads each week to collaborate on any cross-cutting technical concerns among the teams, discuss architectural decisions and impacts, as well as discuss how to better serve our teams.
 - Coordinate with Team Manager and Business Analyst to ensure the team is meeting sprint goals.
 - Leading task breakout sessions each sprint.
- Web development for internal and external applications to support business solutions in the Grower and Dealer lines of service.
- Each web application serves a different line of service within the organization, helping Rabo in collecting invoice payments for loans, assisting dealers in reviewing financial transactions and providing reports to both external clients and internal employees.

Used: Angular, HTML5, CSS3, C#, SQL, WebAPI

The APA Lake St. Louis, MO **Senior Developer/Team Lead** 2017 to 2018

- Collaboratively developed a web application tailored for the unique needs of APA's League Operators and Members, enhancing user experience and operational efficiency.
- Synchronized team initiatives with overarching management objectives to ensure alignment and drive project outcomes.
- Acted as a mentor, fostering skill development within the team and ensuring software quality through meticulous code reviews.
- Cultivated a positive work environment by innovating ways to boost team morale and enhance daily collaboration.
- Orchestrated Scrum activities, effectively planning sprints, and championing the organization's adherence to Scrum principles for agile and efficient project management.

Development tools and languages: ReactJS, HTML5, CSS3, Apollo, Meteor, C#, SQL, WebAPI

MTM Lake St. Louis, MO **Software Engineer** 2014 to 2017

- Software development to support and enhance a suite of web apps developed for client management, trip management, claims and other internal applications.
- Daily development using MVC, JavaScript, jQuery, AngularJS, Entity Framework, SQL and WebAPI

Syllogisteks St Charles, MO **Senior Software Engineer** 2014 to 2014

Client Services St Charles, MO **Programmer** 2013 to 2014

Syllogisteks	Chesterfield, MO	Senior Software Engineer	2013 to 2013
The Phoenix Group	O'Fallon, MO	Lead Developer	2011 to 2013
Blue Collar Development	St Louis, MO	Architect/Developer	2010 to 2011
American Railcar	St. Charles, MO	Developer	2008 to 2010
Byrne Software	Chesterfield, MO	Developer	2008 to 2008
Forest Pharmaceuticals	St. Louis, MO	Technical Architect	2001 to 2008
Anheuser-Busch	St. Louis, MO	Developer	2000 to 2001
Aurora Foods	St. Louis, MO	Programmer/Analyst	1998-2000
Casco Corporation	St. Louis, MO	Network Administrator	1992-1998

Certifications/Affiliations

- 2022 – AWS Certified Cloud Practitioner
- 2019 - ICAgile Certified Professional
- 2013 - Microsoft Certified Professional - Programming in HTML5 with JavaScript & CSS3

Technical Conferences and Courses

2012, 2013, 2014, 2015, 2015, 2017, 2018, 2019, 2022, 2023 Devup (formerly Days of .NET) - St Charles, MO

2013 – Microsoft Virtual Academy: Programming in HTML5 with JavaScript and CSS3 - Online

2007 – Quilogy: Developing Microsoft ASP.net Web Applications - St Charles, MO

2006, 2005, 2004 – DevConnections - Las Vegas, NV

2003 - VB Master Course - Monterey Bay, CA

2000 - Oracle 8i Administrator Course - St Charles, MO