

Brett Drake, Software Developer

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I am open to relocation, full time, part time, remote, contract, or permanent work.

<http://brettdrake.org>

<https://github.com/recordstuff>

Sample Code: .Net 8 Core API / NextJS React 18 / Vite
React 19 Beta / Angular 17 / SolidJS

Summary

My strongest and most recent experience is in C# .Net / .Net Core spanning all the way from present day .Net back to when the .Net Framework was first released.

My frontend experience recently is in Blazor. Prior to that, it included React, Vue and Angular experience—both Javascript and Typescript projects. Much prior to that, I used much older web technologies. Recently I got to do POCs using SolidJS, React Vite, and NextJS. I'm comfortable with admin rights in Azure—creating, configuring, deploying. AWS is something I have used for development as well. I'm a huge fan of Docker.

Professional References and Full Resume w/ experience prior to 2011 available on request.

Skill	Years Experience (Approximate)
C# .NET Framework, .NET Core, .NET	15
MS SQL Server	6.5
Entity Framework / Entity Framework Core	6
SQL (SQL Server, Postgres, Oracle, MySQL, Maria DB)	11+ (conservative estimate)
React	2.5 years (initially sole developer of greenfield project)
Vuejs	1.5
Angular	1
Javascript	9.5
Typescript	4
Azure: Service Bus, Deployments (YAML), Azure Kubernetes Service, Cosmos DB, b2c	1
Azure DevOps: git, Visual Studio integration	6
AWS: SQS, S3 buckets, lambda functions	1.5
CSS, LESS, SASS	10+ (conservative estimate)
NoSQL (MongoDB, Cosmos DB, Couch DB)	2+
jQuery.	8
PHP	7
Java	4
LINUX	10+ (conservative estimate)

EDUCATION

Bachelor of Science in Computer Science
Scientific Option w/ Math minor,
University of Louisiana at Lafayette, 1997

CERTIFICATION

Lean Agile certified

EXPERIENCE SUMMARY

Courser / Rader (formally CBM)

01 / 25 - 12 / 25

Senior Developer

Do web and desktop development using Microsoft Technologies. Azure, Blazor Maui Hybrid (Mobile), Blazor Web, SQL Server, and many others.

Responsibilities:

- Estimate hours, write stories, implement stories
- Mobile and website development using MVC, Blazor, Maui iOS, App Connect, Apple Developer. iOS, APK and Windows mobile.
- Much Azure server and database creation and maintenance

AudioScribe

10 / 23 - 04 / 25

Senior Developer

Originally an employee 20+ years ago. Then a contractor over the years.

Principal developer of a product suite I originally wrote beginning around 2003 (copied from an even earlier version of the software). Software for court reporting and live event captioning using speech recognition, multi track recording, and connections such as internet, modem, and com port.

Responsibilities:

- Rebuild & rewrite customer database and customer registration website using MVC, Azure app service, MS SQL Server.
- Bring product suite up to Visual Studio 2023 and .Net Framework 4.8 also having tools that use .Net 8
- Code new features and stability improvements for product suite
- C#, C++ ATL COM, VB.net - *major components and all new code is in C#*

PHI Helipass

03 / 24 - 10 / 24

Senior Developer

Work off the General Work board including websites in .net 6 and 8 with typescript front ends using KnockoutJS, DDL scripts for Oracle databases, SQL, Entity Framework Core, Xamarin apps, Soap services, WPF and workflow. Write some green field development using Domain Driven Design and Grpc services. Also help port existing code to DDD.

Blue Modus

7 / 23 - 10 / 23

Senior Developer

Develop Kentico CMS sites for multiple clients.

Responsibilities:

- Use the Kentico CMS—C# .Net Core, Vue.js
- Use Azure Pipelines to push builds to lower environments
- Work on Azure Build Pipelines and deployment code.
- Integrate Vue.js frontends with the C# / SQL Server CMS backends

Optomi

4 / 23 - 6 / 23

Senior Developer - Contractor (Short engagement)

Help integrate corrugated packaging sensors with two ERP systems.

Responsibilities:

- Write Agile stories for ERP integration with packaging sensors.
- Write C# code on Agile team in AWS environment moving to Postgres db

Finexio

5 / 22 - 2 / 23

Senior Developer

Developer on Accounts Payable as a service platform.

Responsibilities:

- Greenfield development replacing legacy AP as a service system.
- Backend work to write APIs to exactly match legacy responses including design work and standards in the public API, service layer API, and repositories.
- AWS Lambda work to facilitate payments for our partners from buyers to suppliers
- Front end (React, Typescript): Sole initial developer of Admin portal, responsible for project design and mentoring other developers and maintaining code standardization
- Mentoring, reviewing, and cleaning code on C# backend also
- C#, MongoDB, Postgres, React, Typescript, Node JS
- Reading and debugging Python in order to port it.

Perficient

5 / 18 – 5 / 22

Technical Consultant

Perficient employee having the following contracting engagements:

CLIENT: Grocery Store Chain

Moved aspects of website monolith to microservices in Azure, performing C# .net core / .net 5 and then .net 6 port from .net framework 4.8 and also doing Azure and Kubernetes work (YAML). Performed customer data related work including aspects of the move to Azure b2c.

Responsibilities:

- Account team (full stack but mostly backend) and Microservices team – doing customer profile related changes and then cleaning and moving legacy code to Azure AKS, helping to establish best practices
- Sitecore, C# (move to .net 6), MS SQL Server, Cosmos DB, some Vue.js, styling, begin GraphQL effort.

CLIENT: National Facility for Computer and Device Repair

Developed proprietary software for tracking parts, repairs, devices, and customers.

Performed Angular frontend development to continue sprints of legacy codebase fixes and improvements to free client's developers to be ready for the new codebase for release.

- Angular frontend work (full time frontend Angular role)

CLIENT: Global Telecom Company

Developed systems relating to generating quotes and orders for various telecom products.

Responsibilities:

- Worked with multiple teams to automate quoting and ordering.
- Added new products to quoting and ordering API (back-end).
- Worked with the Team Leader and Architects on green field development (full stack).
- Provided production support.
- C#, .NET Core, gRPC, Blazor, Microsoft SQL Server
- Developed in Jenkins for production deployment use and did deployments.

CLIENT: Global Telecom Company

Developed and maintained middleware for product prequalification, pricing, profit analysis, and ordering

Responsibilities:

- Took over sole development of a large collection of microservices middleware and additional middleware system moving orders across a pipeline involving 7 teams.
- Provided production support.
- Coded enhancements in Java, Apache Camel DSL, Oracle
- DevOps development in Gitlab, Docker, and Kubernetes and provided deployments in test and production environments for the microservices projects and performed Talend deployments for the ordering middleware solution.

CLIENT: Grocery Store Chain

Worked on an Agile team developing websites.

Responsibilities:

Implemented stories for live public site, admin site, and cooking school admin site (full stack)

Sitecore, C# .NET, MS SQL Server, JavaScript, Less and Sass

CLIENT: Internal

Worked on an Agile team developing an employee evaluation system for company-wide use.

Responsibilities:

Worked on the UI implementation helping develop the online forms, email notifications and reporting functionalities as dictated by the Human Resources department.

C# .NET, Microsoft SQL Server, JavaScript, CSS

Compugistics

7 / 11 – 3 / 18

Senior Developer

Developed various web applications.

Responsibilities:

- Gathered project requirements, estimated project hours, developed and supported applications, maintained servers and databases
- Java, MySQL, MariaDB, JavaScript (jQuery, AngularJS, etc....), CSS, PHP, CentOS, VMware vSphere, iOS (Objective C)

Independent Contractor

2011 – 2012

Web Developer

Responsibilities:

- Provided schema for an inventory web app where inventory objects had attributes and contained other objects using Entity Framework Code First (C# ASP.NET, MS SQL Server).
- Assisted in monetizing customers' VM usage (PHP, LINUX) and Joomla theme customizations

Prior experience is available on request.

ADDITIONAL TECHNOLOGIES USED PROFESSIONALLY:

Dapr (both the ORM and the microservices framework), gRPC and Blazor (3 month proof of concept, sole developer), Asp.net, MVC, Web forms, Web API 2, VB.net, legacy .net, Docker / Docker Compose, Minikube, Helm, Jenkins, GitLab, Talend, GraphQL proof of concept (Hot Chocolate), Redis, Eclipse, Apache Camel DSL, Spring Boot, Node JS, Angular 1.0, Mustache.js, require.js, etc. Bootstrap, Kestrel, IIS, Tomcat, Apache, Sitecore, Kentico, Wordpress, Joomla, Objective C, Swift, C++, C