



Resume of James Williams

About

A senior developer with fifteen years of experience building out and supporting enterprise-scale CRM and transaction systems on Microsoft stacks while tackling issues like data modeling, reliability, customizability, and performance

Interested in building new products on up-and-coming technologies, exploring the future of cloud deployments, and pursuing excellence while surrounded by a passionate team

Key Skills

- **DEVOPS** — Azure PaaS, Azure DevOps Pipelines, PowerShell & bash, Docker, Kubernetes
- **.NET** — C#, ASP.Net Core, async and parallel programming
- **MICROSOFT SQL SERVER** — performance tuning, advanced T-SQL, schema design
- **WEB** — Typescript & Javascript

Work History

Blackbaud, Inc.

Laureate Software Engineer
June 2005 — Present

HIGHLIGHTS

Lead of the DevOps team charged with enabling and empowering teams to quickly leverage Azure's PaaS deployment options

First-line architectural consultant and subject matter expert for any team wanting to go forward with new Azure technologies

Lead on the team charged with building and maintaining the framework platform for an enterprise CRM solution

Made many performance improvements and feature enhancements to a powerful ad-hoc query engine

Added dozens of features and resolved hundreds of bugs in legacy areas of the system

Side Projects

A series of personal websites hosted as a set of Docker containers on a major cloud provider; both the infrastructure and sites are deployed and maintained via a custom CLI tool

A website for organizing a book club — built on Ruby and Sinatra using Amazon Web Services and Redis for data storage

Mac and iOS apps for generating secure, memorable passwords — built in Objective-C and Swift

A "branded" website for displaying photos and albums from a 3rd-party photo hosting service — built in PHP with the SmugMug API for data storage

This resume is implemented in F# using the Giraffe view engine and hosted in an aforementioned Docker container

Education

Clemson University

August 2001 — May 2005

- BS in Computer Science
- Minor in Mathematics

Contact

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