James Lind

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2300 Old Spanish Trail

Houston, TX 77054

Education

2002-2006	B.Sc. in Computer Science, Bucknell University, Lewisburg, PA

Experience

Black Beard Labs (formerly Veteran Studio), *Waynesboro, VA*

2017-2018	**Developer / Consultant** – Worked closely with the founder in setting up the company. Assisted in selecting and configuring the infrastructure, promoting the business, and hiring employees.

Innovative Refrigeration Systems, *Lyndhurst, VA*

2016-2017	**Web Developer** – Developed a REST service managing users, permissions, authorization, and authentication. Written in Laravel Lumen slim framework on a LAMP stack.
	Developed business reports incorporating data from both MySQL application databases and a Microsoft SQL database hosting proprietary data.
	As the most experienced member of the team, I worked hard to teach newer developers best practices in both technical and career skills.

Pacific Crest Trail, *CA-OR-WA, USA*

2015	**Through Hiker** – Trekked through the wilderness from the Mexican border near Campo, CA to the Canadian border north of Mazama, WA.

MidwayUSA, Inc., *Columbia, MO*

2013-2015   **Databse Administrator** – Researched and executed a company-wide upgrade from SQL Server 2010 to SQL Server 2012. Determined requirements for and set up new servers and SQL Server installations. Migrated existing databases to new servers.

Researched and implemented a solution using Availability Groups to greatly increase database performance, availability, and reliability.

Updated legacy SQL jobs to work properly with the redundant databases required for Availability Groups.

Worked directly with Application Developers to collect and analyze business requirements, design data structures, and write high performing, reliable, and accurate stored procedures which the Application Developers then utilized from their applications.

2010-2013   **Application Developer** – Created and maintained backend services to provide data for frontend developers.

Mapped the existing process and redesigned the entire credit card processing business process, replacing a system that has been in place for over a decade with a solution based on enabling reliable, durable processing of requests at a higher capacity.

Zeta-Meter, Inc., *Staunton, VA*

2006-2010   **Embedded Engineer** – Designed and implemented a Windows based data acquisition and analysis program in C#.

Designed the electrical circuit and authored software for a scientific instrument whichuses a Freescale HCS12 microcontroller.

Skills

Polyglot

Professional experience with Assembly (PIC and Freescale microcontrollers), C, C++, C# .NET, T-SQL, MySQL, PHP, JavaScript, CSS, Bash, POSIX shell, and PowerShell. Personal experience with many others. Always excited to learn more.

Specific Solutions and Software Packages

Linux-Apache-MySQL-PHP (LAMP) stack: Laravel, its lightweight subset Lumen, and CodeIgniter. DevOps and Infrastructure: Docker, Kubernetes, CoreOS, Terraform, Typhoon, and Vagrant. Microsoft

SQL Server: general administration, SQL Server Reporting Services (SSRS) based reports, SQL Server Integration Services (SSIS) jobs. Splunk and Datadog for monitoring. Microsoft Silverlight, WPF, MVC, DirectX, and WCF Services. FreeRTOS real time operating system for embedded controllers.

Areas of Focus

Writing clean and understandable code, documentation, requirements gathering, standards, DevOps, continuous delivery and integration, and automated testing.