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** – Simplified and standardized login across legacy applications by developing a REST service managing users, permissions, authorization, and authentication.

Enabled better business decisions with less time commitment from management by incorporating data from in-house applications and Epicor into easily consumed reports.

Advocated best practices and modern DevOps within department by researching available tools and teaching other developers.

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 to implement the data layer of applications.

2010-2013   **Application Developer** – Created and maintained back end 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 which uses a Freescale HCS12 microcontroller.

Skills

General	Clean Code, Organization, Communication, Requirements Gathering, Collaborative Design, Documentation, Automated Testing, Continuous Integration / Delivery, DevOps, Database Administration, Version Control, Cryptography, API Design
Languages	C, C++, C# .Net, SQL (Microsoft T-SQL and MySQL), Assembly (various architectures), PHP, Java, Go, PERL, JavaScript, CSS, Bash and POSIX Shell, PowerShell, awk, Make, M4
Frameworks	WinForms, WPF, Silverlight, REST, WCF Services, Laravel, Lumen, CodeIgniter, DirectX,
Tools	Docker, Kubernetes (Typhoon), CoreOS, Terraform, Vagrant, Splunk, DataDog, SQL Server Reporting Services (SRSS), SQL Server Integration Services (SSIS), NGINX, Apache, QEMU/KVM, LXC, XenServer, FreeBSD Jails, ZFS, Rkt, Trello
Operating Systems	Windows, Linux, FreeBSD, OpenBSD, FreeRTOS