Jason L. Lind

+1 414.704.0718 <> jlind@wwidew.net <> in/jasonshareshuman

100% Remote ONLY

Objective: Seeking Full-Time Perm Placement as an Executive Level Architect with responsibilities including:

- Driving the Business and Technical Strategy of the Organization
- Proposal Writing / Pre-Sales
- Mentorship
- Hands on Software Prototyping and Code Reviews

Bio: Jason Lind has more than 25 years of experience of proven technical and management experience with numerous contract and perm positions with industries including:

- Defense and Space
- Financial
- Logistics

Please refer to LinkedIn for the most extensive and up to date version of his experience.

Chief Software Architect
Chief Enterprise Architect

"Jason Lind has a superb ability to rapidly build highly extensible back-end and front-end frameworks. He loves to learn new technologies and is always available to teach his peers about the topics he learned. His biggest strength is the fact that he will take an extra step to understand the implications of the technology he is implementing in your product."

- Leszek Zychowski, Application Development Manager, Hallmark Data Systems

"Jason is an excellent architect and has a strong ability to come up to speed very quickly with complex business rules and implement them as high quality software solutions."

– Tom McKee, Vice President, Mesirow Financial

"… Jason's superior Architectural skills and design knowledge exemplified the best use of the latest .NET 3.5 capabilities and techniques while adhering to industry accepted patterns and practices... His insightful development of Generic based helper functionality dramatically increased developer productivity and provided a new standard for maintainability. Jason is also a prolific researcher and is poised to help companies move to the next level of architectural design…"

– Chuck Goodspeed, Senior Architect, Northern Trust Bank

"Jason is the superman of developing a robust layered architecture. I have seen him single handedly wield XML like a lightning-rod through the depths of SQL Server and .NET Enterprises to create performant and malleable solutions. If you are not sure what your architecture should look like, call him. He already knows. He fixed it last week."

– Jeff Rafter, CIO, Mortgage Industry Standards Maintenance Organization (MISMO)

"Jason has an excellent knowledge of emerging technology. He can excel in fast-paced environments requiring advanced software design. His best work is in POC environments working out core solution technical challenges."

– Carl Franklin, Managing Partner and Solutions Architect, TritonTek

"Jason has worked with me several times in my architecture practice where he helped research emerging technologies and produce technical drawings. He is a self-starter that comes to the table with creative ideas and out of the box thinking. He has a superior intellect and has brought his considerable intelligence to bear on meeting my challenges."

– Jeff Brock, CEO, iTDept.com

"Jason consistently demonstrated his excellence in all areas of his work at Freedows, but even more strongly so in terms of project management and conceptual design…Although he sometimes has a very unorthodox way of approaching IT-related and project-related challenges, he is the type of individual that consistently exceeds expectations even in the most demanding (and even hostile) of situations."

– Reece Sellin, Project Lead, Freedows OS Project

1991

- Began programming in Logo, qBASIC and Batch

1995

- GeoCities "The Unofficial Simpsons Page" Featured on Yahoo! above Fox's
- Co-Founded Web Development Shop

1996

- Made equity compensated Community Leader of GeoCities' /Hollywood Neighborhood

1997

- Became Admin Lead of the 4000+ member Freedows OS Project

1998

- Began High School
- Started as a Sales Engineer at Milwaukee PC

2000

- Started attending Marquette University as a non-degree student in Math and CS

2001

- Transferred from part-time to full-time standing as a Sophomore at Marquette University majoring in Electrical and Computer Engineering and minoring in Political Science: at age 16
- Became the Treasurer of the Engineering Student Council (ESC)

2002

- Appointed a Computational Mathematician in the Mechanical Engineering Department solving Navier Stokes Differential Equations with applications in Solid Rocket Propulsion
- Developed prototype SaaS application for Mo's Restaurants
- Began a paid internship at Fortis Health Insurance designing an building applications on .NET 1.0

2003-2004

- Enlisted in the USAF as an auto-E3

2005-2007

- Started as a Senior Software Engineer at a boutique Software House specializing in ASP.NET where I was promoted to Lead after less than a year

2007-2010

- Built out a syndicated web service framework for comScore, consumed by the likes of Yahoo!
- Substantially enhanced and performantized Catastrophic Risk Model for Aon Benfield
- Designed and developed a PoC Silverlight Reporting application for Citadel
- Designed and Developed Distributed Framework Pattern Library of Northern Trust Bank—used by over 800 applications

2011-2016

- Designed and developed multi-model/solution Loan Mortgage Default Projection Engine for Neuberger Berman
- Developed Hedge Fund networking platform AlphaMetrix
- Led Modernization Effort for Guggenheim Partners
- Developed API and migrated an AS/400 to a .NET Service Oriented Architecture
- Designed AI-Pricing Orchestration for UAL

2016-2021

- Took an a basket of small clients
- Founded MultiPlex.studio and led development of several proposals for AFWERX—where we achieved Showcase Status, US Army, USAF Cyberspace Dominance and Undersecretary of Defense for Research and Engineering

2021—Present

- Devleoping 3 Blazor+MAUI applications targeting iOS and Android.

Accomplishments

Freelance Architect—USSF
Department of Defense | 2023—Present

Chief Architect
UN(official) CYBERCOM | 2023—Present

Software Architect
Hangman Tours | 2023—Present

Software Architect
Divine Advice | 2023—Present

Software Architect
National Financial Corporation | 2023—Present

Chief Software Architect
watr.exchange | 2019-2023

Enterprise Architect—State of New Mexico
KPMG | 2021

Coalition Leader
MultiPlex.studio | 2019-2021

Chief Transformation Engineer
mil.API.fit | 2018

Chief Transformation Engineer
Group Bobaloo | 2017-2018

Chief Transformation Engineer
Cyber Safety Harbor | 2018

StratML Working Group Member
3D PDF Consortium | 2017-2018

Lead Architect—Merchandising IT
United Airlines | 2015-2016

Lead Architect
Hallmark Data Systems | 2015

Lead Architect—Asset Management
Guggenheim Partners | 2014

Lead Architect—Currency Trading
Mesirow Financial | 2013

Senior Architect
AlphaMetrix | 2011—2012

Lead Architect—High Yield Fixed Income
Neuberger Berman | 2011

Director of Technology
The Adventurers Club of Chicago | 2006-2011

Senior Architect—Distributed Frameworks
Northern Trust Bank | 2009-2010

Senior Architect—Catastrophic Risk Modeling
Aon Benfield | 2007-2009

Senior Architect—Enterprise Reporting
Citadel Investment Group | 2008

Web Services Architect
comScore | 2007

Lead/Senior Software Engineer
TritonTek | 2005-2007

Enterprise Architect
ITDept | 2004

Airman First Class (E3)
United States Air Force | 2003-2004

Programmer Analyst I
Fortis Health Insurance | 2002-2003

Computational Mathematician
Marquette University Department of Mechanical Engineering | 2002

Chief Software Architect
Mo's Restaurants | 2002

Senior Sales Engineer
CompUSA | 2001—2002

Sales Engineer
Milwaukee PC | 1998-2001

Project co-Lead/Admin
Freedows OS Project | 1997-2001

Community Leader /Hollywood
Yahoo! GeoCities | 1996-1999

Electronics & Avionics
Air Education Training Command | 2003-2004
- Airman Leader (Green Rope)

Electrical and Computer Engineering Major
Political Science Minor (Junior Standing)
Marquette University | 2000-2002
- **National Association of Engineering Student Councils (NAESC)'s** Midwest Regional Vice President of Finance
- **Marquette University IEEE's** President
- **Marquette University Engineering Student Council's** Treasurer and External Committee Chair
- **Marquette University—Marquette University High School's F.I.R.S.T. Robotics Team** co-Founder.

Thesis Prosecutor
The John F. Kennedy School of Government at Harvard University | April 2002
- Sat on PhD dissertation panel

Visiting Undergrad
Massachusetts Institute of Technology | April 2002

High School Student (Junior Complete)
Marquette University High School | 1998-2001
- Portfolio Director of the Investment Club
- co-Captain 2nd in State Chess Team
- co-Founder of the Junior Statesmen of America (JSA) National CIA and first Deputy Director

Client History & Education

Global Ethics in Cyberspace , February 2024

https://www.linkedin.com/pulse/global-ethics-cyberspace-uncybercom-gjvpc

An Essay on the role of AI and Ethics in Cyberspace

UNofficial CYBERCOM Articles, February 2024

http://article.uncyber.space

The founding documents for Unofficial CYBERCOM.

An Introduction to Transformation Engineering, October 2023

https://www.linkedin.com/pulse/introduction-transformation-engineering-jason-l-lind/

Applied cyberwarfare training in ROTC programs.

UTHOUGHT, February 2021

http://multiplex.studio/files/UTHOUGHT.pdf

Applied cyberwarfare training in ROTC programs.

Securing the Human Protect Surface, January 2021

http://multiplex.studio/files/SecuringTheHumanProtectSurface.pdf

Biomatic design for uniquely identifying humans from their bio-signals employing various COTS and custom wearables to achieve a base beyond the base.

The Development Exchange, October 2020

http://development.exchange

Project definition and plan for a platform that federates communication and production tools for superior manifestation via coordination of .org, .com, .gov and .mil.

A Cognitive Cyberwar, September 2020
with Mitchell Maddox & Nick Chadwick
http://multiplex.studio/files/CognitiveCyberwar.pdf

Far reaching strategy and design paper on the application of Cognitive Warfare, prepared for USD-R&E's S&T Cyber Roadmap.

Ideal Organizational Theory 2.0, September 2020

http://multiplex.studio/files/IdealOrganizationalTheory2.pdf

Theoretical Artificial Intelligence paper that brings formal mathmatics to the original 2011 paper. In it I contend the singularity is not computational but cognitive.

Zero Trust Architecture and Innovations, May 2020

http://multiplex.studio/files/ZTA,pdf

A brief for USAF Cyberspace Dominance on the state of ZTA.

Multi-Domain Operations (MDO), June 2019

https://multiplex.studio/files/MDOProposal.pdf

Fog computing proposal for AFWERX which was selected to present at Fusion 2019.

mil.API.fit, 2018

https://multiplex.studio/files/mil.api.fit.pdf

US Army SBIR deploying wearables for enhanced training and safety.

Modulus Fields, 2018

https://multiplex.studio/files/ModulusFields.pdf

A novel observation in pure number theory

A Novel Closed Form for Truncated Distributions with Integer Bounds, 2018

https://multiplex.studio/files/TruncatedStats.pdf

A very interesting result in statistics and number theory

A System for Goal Oriented Governance, 2009

https://multiplex.studio/files/GoalStruct.pdf

Far reaching strategy manifesto

Publications

Software Architect
United States Space Force
Department of Defense
2023-Present

Developed tracking portal in ASP.NET MVC6/C# for weather balloons. Re-architected and implemented solution in less than seven days introducing features such as Live Update (SignalR). Backend is several PostgresDB's. Mentored a DoD contractor on best practices in .NET.

Software Architect
Virtual Walking Tours
Hangman Tours
2023—Present

Designed and developed a MAUI application for virtual walking tours using Azure Synapse Text-to-Speech TTS, Azure AD B2C, Telerik Controls, ReactiveUI, SQL Server Azure, Azure Storage Blob with a Blazor Admin Portal and Web API Services layer. Targeted iOS(iPhone and iPad), macOS (Intel and Apple Silicon), Android (Phone and Tablet) and Windows. Using Stripe for in-app-purchases.

Software Architect
Divine Advice
2023—Present

Designing/developing MAUI application targeting iOS/Android Runic Character fortune telling including a Python/Django Web Service for performing OCR on Runic Characters, an ASP.NET Blazor Admin Portal with a Web API backend for interacting with WatsonX to provide readings. Azure AD B2C, Telerik, ReactiveUI.

https://github.com/jlind0/Rygg.Runes/tree/test

Software Architect
National Financial Corporation
2023—Present

National Financial Corporation is in the process of building out a POC targeting retail end points supporting Low-to-Moderate-Income (LMI) individuals. Re-architected an existing ASP.NET WebAPI / NodeJS / Angular 15 / TypeScript application into ASP.NET Blazor with Telerik+ReactiveUI. SQL Server Azure and Azure AD B2C.

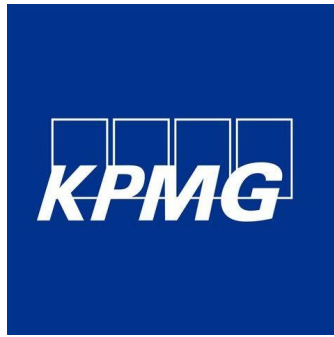https://dev.azure.com/NationalFinancialCorp/Transcend/_git/NFC.Transcend.Client

Chief Architect
UNofficial CYBERCOM
2023—Present

UNofficial CYBERCOM is a FOSS NGO seeking to deescalate Global Cyber Conflict into Competition. Solidity Decentralized Autonomous Organization (DAO).

https://github.com/jlind0/UN.CYBERCOM/tree/documents

Whilst these projects are all active they in total take up roughly 20 hours a week. I am seeking at least another 40 hours per-week of employment

Current Clients

Enterprise Architect
State of New Mexico
KPMG
2021

Performed data and business modeling of NOLAP Canonical Data Model targeting MarkLogic. Converted Visio diagrams into Sparx Enterprise Architect models. Spearheaded effort to influence Federal Standards for Medicaid data modeling.

Lead Architect
Merchandising IT
United Airlines
2015-2016

The Merchandising IT team is responsible for pricing and presentation of non-airfare items through artificial intelligence. As a first order of business I recognized there was no centralized framework team and proposed one to C-Level management where he got permission from his manager to design a proof of concept. I also was instrumental in developing and presenting the proposed architecture to C-Level. The architecture enabled all internal and external channels to leverage these artificially intelligent API's through both REST and SOAP. Once the architecture was realized United Airlines achieved a 30% Quarter over quarter growth in per-seat revenue.

Lead Architect
Asset Management
Guggenheim Partners
2014

Guggenheim had an ad-hoc deployment of Microsoft Office based applications driving their core business and I was brought in to design and implement a singular enterprise platform for this suite based on ASP.NET MVC and SQL Server.

Lead Architect
Currency Trading Compliance
Mesirow Financial 2013

Mesirow Financial required a system for enforcing Currency Trading Agreements with their clients with regards to FX trades. I led the design of a true greenfield project that represented complex Trading Contracts in a SQL Server Schema complete with mechanisms for history and rollback along with a front end for entering that data.

Senior Architect
Hedge Fund Networking
AlphaMetrix
2011-2012

AlphaMetrix was developing a revolutionary hedge-fund networking application that connected qualified investors with vetted hedge-funds. Basically, a combination of LinkedIn and E*Trade but for multi-millionaires. I was brought in to help bring the project over the hump of the beta release. The project had fast moving and ever-changing requirements, so the application had several novel architecture features including a mechanism for defining pages in an Excel XML editor with the business logic in the database.

Major Previous Clients

NB was in the process of finalizing their new Mortgage Default Projection Model when they hired me and my role was to design the .NET implementation such that it could be plugged into their Mortgage Backed Securities Trading Platform, Bank Mortgage Portfolio Integrity Product and a new line of business called Loan Modification Strategy Fund which purchases distressed debt for pennies on the dollar, modifies the loan to performing and then sells it for $0.60/$1.

Lead Architect
High Yield Fixed Income
Neuberger Berman
2011

I was brought into NT to lead the development an enterprise framework to both aid in the migration of 800 applications from 1.1 to 3.5 and be the standard for new applications going forward. In addition to enhanced and environment specific .NET enterprise application blocks loosely based around Microsoft Patterns and Practices' Enterprise Library I developed an application updater/launcher in WPF and contributed to the automated build and deploy process within TFS.

Senior Architect
Distributed Frameworks
Northern Trust
2009-2010

I had two tours of duty at Aon Benfield, first redesigning an ETL tool used to geocode catastrophic risk property level output on massive insurance portfolios and import those into Oracle OBIE. My second tour of duty I was responsible for innovating the entire process. See my design https://multiplex.studio/files/CatRange.pdf

Enterprise & Solutions Architect
Catastrophic Risk Modeling
Aon Benfield
2007-2009

Between my stints at Aon I worked at Citadel Investment Group on their EGlue Reporting Platform, when I arrived it was a mature Windows Forms application and I was tasked with creating a read-only web application. At the same time there was a parallel effort to move the EGlue Platform off of .NET Remoting and onto WCF and I architected my end of the solution around that effort.

Senior Solutions Architect
eGlue Reporting Platform
Citadel Investment Group
2008

Major Previous Clients

Unified Modeling Language (UML)

Use Case <> Component <> Deployment
Activity <> Sequence <> State Machine

Since 2002

Microsoft .NET

Visual Studio <> ASP.NET Core <> ASP.NET Web
Forms <> SignalR <> ASP.NET MVC <> Web API
<> C# <> VB.NET <> Windows Presentation Foun-
dation (WPF) <> UWP <> Windows Forms <> WCF
<> MAUI <> Blazor <> Telerik <> DevExpress

Since 2002

Microsoft Azure

Cosmos DB (Graph/Gremlin & Document) <>
Functions <> App Services <> Service Bus <> Key
Vault <> DNS

Since 2017

Microsoft Office 365 (O365)

Exchange <> Word <> Excel <> SharePoint <> Visio

Since 2008

Sparx Enterprise Architect

UML <> BPMN

Since 2005

Microsoft SQL Server

Relational <> SSIS <> SSAS <> SSRS

Since 2002

Team Foundation Server (TFS) /
Visual Studio Online Services / Azure DevOps

Since 2008

HTML / JavaScript <> CSS <> TypeScript

Since 1994

XML / XSD / XSLT

Since 2002

Oracle

8i-12i <> OBIE

Since 2002

IBM DB2

Since 2009

Active Directory / Azure AD

Since 2005

Microsoft O365

Exchange <> Word <> Excel <> PowerPoint <> Visio
<> Outlook <> Access

Since 2007

Web3 / Blockchain

Solidity <> Nethereum <> Chainlink <> Infura

Rust & Python

Django <> Tokio <> Warp

Since 2023

Model-View-ViewModel (MVVM)

Prism <> Community Toolkit <> ReactiveUI

Since 2012

Microservices

Microsoft Service Fabric <> Azure Web Jobs

Since 2019

JavaScript Frameworks

jQuery <> Knockout.js <> Angular 15 <> Kendo

Since 2008

IoC/Dependency Injection

Unity <> Castle Windsor <> Structure Map <>
Microsoft

Since 2009

Object-Relational-Mapping (ORM)

Entity Framework <> Dapper <> NHibernate

Since 2010

Messaging Frameworks

Tibco Rendezvous <> MSMQ <> IBM MQ <> Kafka

Since 2008

Artificial Intelligence

Oracle RTD <> IBM WatsonX <> ChatGPT <>
Azure Synapse <> Matlab Simulink

Since 2002

Skills