

# Howard L. Dierking

THINKER · BUILDER · LEADER

Austin, Texas

☎ +1 425-780-1411 | ✉ howard@dierking.family | 🌐 www.howarddierking.com | 📱 howarddierking | 🐦 @howard\_dierking

*“Build, Learn, Grow...Repeat”*

## Experience

---

### Olive AI

Austin, TX

SENIOR VICE PRESIDENT OF ENGINEERING & CHIEF PLATFORM ARCHITECT

Nov. 2021 - Present

- Invested in initiatives to improve engineering cultural values of curiosity, continuous learning, data-oriented decision making
- Worked to raise developer quality bar by creating a consistent competencies framework and interview process
- Created and disseminated Olive platform vision and strategy
- Scaled event-driven architecture broadly across multiple engineering teams. Sponsored additional research efforts in graph data, machine learning, and data protection
- Guided teams in creation of architecture and development standards
- Managed a 110 person engineering organization. Responsible for organizational design, communications, performance management, leader coaching, and resource planning

### Olive AI

Austin, TX

VP ENGINEERING, OLIVE ASSURES

Jan. 2021 - Nov. 2021

- Defined technical strategy for new predictive analytics product
- Partnered with product management and executive leadership to ensure that engineering efforts align with business objectives
- Delivered a new software service to two beta customers and processed > 1MM USD within the first 6 months of operation
- Built a remote-first, cross-disciplinary team of 20 from nothing in 6 months

### SAP

Austin, TX

PRINCIPAL SOFTWARE ARCHITECT

Mar. 2020 - Dec. 2020

- Drove data and analytics workstream across all SAP application businesses
- Partnered with both central engineering organizations and CTO offices in order to drive consensus on tools and architectural approaches across the company
- Envisioned, prototyped, and evangelized a future-state architecture for integrating applications across SAP businesses, partners, and customers
- Researched and prototyped a lightweight OWL reasoning engine and its application in a variety of different transactional workloads
- Advised multiple cross-business unit integration projects. Create and evangelize architecture concept, participate in design reviews, and resolve conflicts as they arise

### SAP Concur

Bellevue, WA

SENIOR DIRECTOR OF SOFTWARE DEVELOPMENT

Dec. 2018 - Mar. 2020

- Partnered with SAP central engineering to drive cross-company technology initiatives into Concur delivery teams as well as influence the strategies of those groups
- Created technology vision and strategy by working across central technology organizations as well as over 80 delivery teams to understand both the business domain and non-functional constraints. Produced both multi-year vision and iterative strategies for realizing the vision
- Managed a globally distributed team of 13 architects and senior developers across North America and Europe
- Researched semantic technologies, including RDF, OWL, and SPARQL, as well as the application of semantic technologies to event-driven, cloud-native architecture
- Led global architecture for the SAP Concur's spend management product. Partnered with delivery teams on short term tactical challenges and executive leadership on long term technology strategy
- Identified key measures for driving consistent quality of service and return on investment across the service portfolio
- Gave multiple presentations within SAP, focused primarily on application of semantic technologies to business software

## **SAP Concur**

*Bellevue, WA*

DIRECTOR OF SOFTWARE DEVELOPMENT

*Jun. 2015 - Dec. 2018*

- Distilled high-level executive management goals into concrete problem definitions to be pursued by both my development teams and business counterparts
- Managed a team of 25 developers (including 3 development managers), divided into 3 organizational units. Included employees in Bellevue, WA, Vienna, VA, and Maidenhead UK
- Partnered with colleagues in France and Japan to deliver next generation receipts service globally
- Coordinated with colleagues in Germany and Prague to deliver a data orchestration service
- Helped to create career competencies and paths for all Concur engineers and managers
- Participated in physical space design/planning to create a collaborative team environment
- Created mock interview program in partnership with Code Fellows and integrated it into our organization's interview training program
- Actively managed relationships with peers across the company for building consensus around key company-level decisions
- Conducted competitive analyses and presented 5-year strategic plan to company executives
- Spoke at SAP global developer conference in Germany two years in a row. Highest-rated lecturer by external company in 2016
- Managed budgets for personnel, morale, and equipment

## **SAP Concur**

*Bellevue, WA*

SENIOR MANAGER SOFTWARE DEVELOPMENT

*Sept. 2014 - Jun. 2015*

## **Microsoft Corporation**

*Redmond, WA*

SENIOR PROGRAM MANAGER (ASP.NET)

*Jan. 2012 - Sept. 2014*

## **Microsoft Corporation**

*Redmond, WA*

PROGRAM MANAGER II (APPFABRIC DEVELOPER PLATFORM)

*Jan. 2011 - Jan. 2012*

## **Microsoft Corporation**

*Redmond, WA*

PROGRAM MANAGER II (SERVER AND TOOLS ONLINE)

*Sept. 2009 - Jan. 2011*

## **Microsoft Corporation**

*Redmond, WA*

MSDN MAGAZINE, EDITOR-IN-CHIEF

*Jul. 2007 - Sept. 2009*

## **Microsoft Corporation**

*Redmond, WA*

MICROSOFT LEARNING, CERTIFICATION PRODUCT PLANNER

*Jul. 2006 - Jul. 2007*

## **Software Architects, Inc.**

*Houston, TX*

MANAGING CONSULTANT, TECHNICAL PROJECT LEAD (AIG)

*Aug. 2005 - Jun. 2006*

## **Riversand Technologies**

*Houston, TX*

LEAD ARCHITECT (ARAMCO SERVICES COMPANY)

*Nov 2004 - Jul 2005*

## **Riversand Technologies**

*Houston, TX*

SENIOR SYSTEMS ARCHITECT

*Jun. 2004 - Nov. 2004*

## **Riversand Technologies**

*Houston, TX*

Eco TECHNICAL ARCHITECT/TEAM LEAD (HEWLETT-PACKARD)

*Sept. 2003 - Jun. 2004*

## **AMSI**

*Houston, TX*

SENIOR PROGRAMMER/ANALYST

*Dec. 1999 - Sept. 2003*

## **Education**

---

## Speaking

---

### Online Web Conference

PRESENTER FOR WEB CAMPS

"The Katana Project - OWIN for ASP.NET"

*Online*

May 2013

### DevTeach

KEYNOTE PRESENTER FOR DEVTEACH MONTREAL

*Montreal, Canada*

2012

### Microsoft TechEd

PRESENTER FOR MICROSOFT TECHED NORTH AMERICA

"Make Yourself Comfortable and REST with Microsoft.NET."

*Atlanta, GA*

2011

### ITNG 2009

TRACK CHAIR

*Las Vegas, NV*

April, 2009

### TechEd 2009

PANELIST

"Business Intelligence: Thinking Bigger about the Role of BI in Delivering Business Value."

*Los Angeles, CA*

2009

### Online Web Conference

PRESENTER

"IT Manager Webcast: IT Manager Community Talk with Kevin - Business Intelligence"

*Online*

April, 2009

## Publications

---

### Google Cloud Platform Fundamentals

AUTHOR

*Pluralsight*

2018

### Designing Evolvable Web APIs with ASP.NET

CO-AUTHOR

*O'Reilly Media*

2014

### Getting Started with the Katana Project

AUTHOR

*Microsoft Documentation*

2013

### REST Fundamentals

AUTHOR

*Pluralsight*

2020

### Open Government: Collaboration, Transparency, and Participation in Practice

CO-AUTHOR

*O'Reilly Media*

2010

### The Geek Atlas: 128 Places Where Science and Technology Come Alive

TECHNICAL REVIEWER

*O'Reilly Media*

2009

### An Empirical Study of Unsupervised Rule Set Extraction of Clustered Categorical Data Using a Simulated Bee Colony Algorithm

CO-AUTHOR

*International Symposium on Rule Interchange and Applications*

2009

## Open Source Contribution

---

### **metalsmith-ldschema**

[HTTPS://GITHUB.COM/HOWARDDIERKING/METALSMITH-LDSHEMA](https://github.com/howarddierking/metalsmith-ldschema)

Metalsmith plugin for generating Web documentation for a linked data vocabulary. Inspired by <https://schema.org>.

### **www.howarddierking.com**

[HTTPS://GITHUB.COM/HOWARDDIERKING/BLOG.HOWARDDIERKING.COM](https://github.com/howarddierking/blog.howarddierking.com)

My personal blog. Also a testbed for experiments with different Node-based static site generators.

### **building-restful-services**

[HTTPS://GITHUB.COM/HOWARDDIERKING/BUILDING-RESTFUL-SERVICES](https://github.com/howarddierking/building-restful-services)

Contains all sample code for my Pluralsight course, Building RESTful Services.

### **international-address**

[HTTPS://GITHUB.COM/HOWARDDIERKING/INTERNATIONAL-ADDRESS](https://github.com/howarddierking/international-address)

NodeJS-based formatting library for international addresses.

### **ssis-wcf-dataservices**

[HTTPS://BITBUCKET.ORG/HOWARDDIERKING/SSIS-WCF-DATASERVICES](https://bitbucket.org/howarddierking/ssis-wcf-dataservices)

This code sample shows you how to create a SQL Server Integration Services custom data source that can interoperate with WCF Data Services (formerly known as Astoria). In addition to simply illustrating the mechanics of working with SSIS and ADO.NET Data Services, the sample also illustrates some design practices and techniques such as separation of concerns and behavior-driven development.

### **msdnmagpivot-public**

[HTTPS://BITBUCKET.ORG/HOWARDDIERKING/MSDNMAGPIVOT-PUBLIC](https://bitbucket.org/howarddierking/msdnmagpivot-public)

Source code used to create and display the MSDN Magazine collection for the Silverlight Pivot viewer control.

### **RestBugs**

[HTTPS://GITHUB.COM/HOWARDDIERKING/RESTBUGS](https://github.com/howarddierking/restbugs)

A simple, hypermedia-driven bug tracking API.

### **NuGet**

[HTTPS://GITHUB.COM/NUGET](https://github.com/nuget)

NuGet is the package manager for the Microsoft development platforms including .NET. Create, share, and reuse thousands of NuGet packages.

### **ASP.NET**

[HTTPS://GITHUB.COM/ASPNET](https://github.com/aspnet)

ASP.NET is an open source web framework for building modern web apps and services with .NET. ASP.NET creates websites based on HTML5, CSS, and JavaScript that are simple, fast, and can scale to millions of users.

### **Web Optimization**

[HTTPS://ASPNETOPTIMIZATION.CODEPLEX.COM/](https://aspnetoptimization.codeplex.com/)

The ASP.NET Web optimization framework provides services to improve the performance of your ASP.NET Web applications.