

Michael Bowman

I'm a professional **full-stack** software architect, engineer, and project-manager (scrum-master) with vast experience across a wide range of business domains and platforms for on-premise and cloud-based computing solutions on a global (geo-wide) basis. I believe in and practice Agile/Scrum methods and use Agile/Scrum tools, as well as design patterns and test-driven development methods during full stack development efforts. I have excellent communication, people, and technical skills. My resume, work history, and, references speak to my career successes and skills.

HIGH LEVEL SKILLS & TECHNOLOGY SUMMARY

General Skills	Top Technical Skills for Today's World	
<ul style="list-style-type: none"> • Abstraction Modeling • Analysis <ul style="list-style-type: none"> ○ Data ○ Process • Architecture • Build Engineering • Coding (full-stack) • Configuration Mgmt. • Data Modeling • Design • DevOps • Environment Tuning • Networking • Project Management • Remote Engineering • SCRUM Master • Testing (TDD, UAT) 	<ul style="list-style-type: none"> • Angular JS / Angular 2, 3, 4, 5+ • Atlassian Tools (Jira, Confluence, etc.) • AWS: <ul style="list-style-type: none"> ○ S3 / Lambda / Cloud formation, etc. • Azure <ul style="list-style-type: none"> ○ Storage, Queues, Service Bus & Functions • Babble • Bootstrap • CSS / LESS / SASS • Databases (see note below) • Docker for Windows, Kubernetes • Entity Framework • Kitematic • Foundation • Git <ul style="list-style-type: none"> ○ Bitbucket ○ Git Hub / Desktop • Go Lang • Google Apps • Goto Meeting • JavaScript (ES5 / ES6 / ES7) • jQuery 	<ul style="list-style-type: none"> • JSON • JWT, OAuth, Auth0 • Kibana / Elasticsearch / Logstash / Beats • LINQ / Lambda • Linters (JS Lint, ES Lint, TS Lint) • Material Design • Micro Services • .NET (C#, MVC, WEBAPI2) • NODE JS / NPM / Yarn • Postman • REST • Riot JS • SaaS / IaaS / PaaS / IoT • SOAP • SPAs • Swagger • Type Script • Visual Studio / VSCODE • Vid Conf (WebEx, Goto Meeting, etc.) • Vue • Webpack

All Java Script frameworks I have used employ MVC, MVVM, or MVP design patterns.

The list above does not reflect (cite) the vast number of DBs such as Oracle, SQL Server, Teradata, MongoDB, No SQL, Graph DBs, etc. See detailed work history for a comprehensive list.

A typical workday in the life of Michael Bowman

At my desk by 7:00AM PST. Working with StackBlitz, plnkr, or, VSCODE with local Docker to build out Angular app components quickly (usually with NODE JS to host the REST APIs). Helping other team members with technical issues (providing oversight), and managing the Sprint with Atlassian Tools, VSO, Smartsheet, etc. Performing DevOps tasks (as needed) and helping to build out requirements for the backlog. Doing more by 9:00AM than most people do all day! 😊

WORK HISTORY

Vertical Works (owner) (Portland OR) 1/1996 – present

Full-Stack architecture and engineering services for clients that need fast, affordable, well built, well tested solutions using modern technologies for the cloud. Most of the projects below were through Vertical Works, however, for some of the projects I worked directly with the client on a W2.

Veracity (Enterprise Architecture Group) (Lehi UT) – Target: Young Living 02/2018 – 03/2018

As part of an EA team, I went onsite and participated in and documented the Large, Medium and Small (low-level) details of the Young Living Corporation from top to bottom in terms of people, roles, process, pain points, goals, and solution architecture. Following the one-week intense onsite discovery, I then spent two weeks crafting summary and detailed reports which outlined the observations with full traceability back to business & quality goals. The on-site interviews included the board of directors, department managers, project managers, dev-ops teams, ops teams, engineering teams, and contractors, as well as physical systems architecture, code break downs, work-flows, and, global concerns.

Veracity - View Point (Portland OR) – (contract) architecture/development 11/2017– 01/2018

Developed architectural proposals for a multi-queue Azure based solution on a very compressed schedule. I then implemented the solution using Azure storage queues, Azure blobs, and Azure functions in C#, with JSON and custom APIs. This green field feature allows users (on-demand) to submit criteria for downloading huge projects (SQL BLOBS and related SQL data) into Zip files which are stored on Azure Blobs. I also helped other engineers in establishing the Full Stack on their development boxes. Technology used, .NET4.6.1, Azure CLI, Azure Storage, NODE, NPM, GULP, Angular, MVC, REST, SOAP, SQL Server, GIT, VSTS, VSCODE, VS.NET and various 3rd party tools.

The remaining work history has been “detail compressed” to avoid TL;DR fatigue. For full job details please visit, www.verticalworks.com/resume/resume.pdf

INMAR Corp (Winston-Salem NC) – Senior Software Engineer	4/2017 – 10/2017
Judicial Decision Impact Analysis & Reporting- R&D Vertical Works	10/2016 – Present
Armstrong International (Detroit MI)– Full Stack Consultant	10/2016 – 12/2016

Zorts Sports (Portland OR) – Full Stack Consultant	05/2016 – 09/2016
Oportun (Progress Financial) (S.F. CA) – Consultant	12/2015 – 05/2016
Hoffman Academy (Portland OR) – Consultant	8/2015 – 10/2015
IMAN Studios (Los Angeles CA) -- Software engineer server migration	5/2014 – 7/2014
DW Associates LLC (Austin TX) – Technology director / lead software engineer	11/2011 – 04/2014
Sigma Digital Imaging (Chicago IL) - Consultant	12/2010 – 9/30/2011
Learning.com (Portland OR) - Consultant	9/2010 (30 day contract)
CCLI (Portland OR) - Consultant	6/2010 - 8/2010
Intel, .NET Engineer/Consultant (Portland OR)	11/2009-5/2010
Boeing, Lead Developer/Architect/Consultant (Seattle WA)	05/2007 – 08/2009
Random Lengths, Lead Developer/ Architect/Consultant (Eugene OR)	12/2005 – 03/2007
Intel Corp., Senior Software Developer/Consultant (Portland OR)	08/2005 – 12/2005
Server Logic, Senior Software Developer/Consultant (Portland OR)	04/2005 – 07/2005
Intel Corp., Senior Software Developer/Consultant (Portland OR)	08/2004 – 04/2005
Sea Bright Insurance (Seattle WA), Senior Developer/Architect/Consultant	02/2004 – 06/2004
Intel, Senior Software Developer/Consultant (Portland OR)	06/2003 – 12/2003
Intel, Senior Software Developer/Consultant (Portland OR)	03/2003 – 06/2003
CNA Insurance, Senior Software Developer/Consultant (Chicago IL)	08/2002 – 02/2003
Intel, Senior Software Developer/Consultant (Portland OR)	06/2002 – 08/2002
Intel, Senior Software Developer/Consultant (Portland OR)	03/2002 – 06/2002
North Pacific/CGU (Portland OR) - Lead Developer/Consultant	10/2000 – 10/2001
Kaiser, Software Engineer/Analyst/Consultant (Portland OR)	04/2000 – 06/2000
ADP (Portland OR) - Software Engineer/Consultant	01/2000 – 04/2000
Intel Corp., Software Engineer/Analyst/Consultant (Portland OR)	10/1998 – 01/2000
Comsys, Lead Developer/Consultant (Portland OR)	11/1996 – 10/1998
Smith Norris Corp, Product Development Lead (Pleasanton CA)	03/1996 – 10/1996
Symantec Corp. Senior Technical Analyst/Programmer (Eugene OR)	11/1994 – 03/1996

EDUCATION

- Attended Chaffey College 1984 – 1985
- I continue to study “daily” as technology changes every minute. Current focus, Angular 2+, Open Source, WebPack, Node JS, RIOT JS, VUE, REST, Cloud for IoT, Quantum Computing (Qubits), physics (QFT), BlockChain, and AI.