



Michael Bowman

Resume

- Full Stack Solution Architect / Software Engineer
- Scrum Master
- DevOps Engineer

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SUMMARY

Brace yourself... I have 30+ years of paid professional experience as a problem-solving, full-stack, solution-architect, software-engineer, scrum-master, devops-engineer, and database-expert with vast experience across a wide range of technologies, business domains and platforms for *on-premise*, *hybrid* and *cloud-based* distributed computing solutions on a global (geo-wide) basis for small to enterprise level companies. My references will tell you that I excel at producing high quality results with agile/scrums methods and agile/scrums tools. My skills and experience cover the full-stack (front to back). I specialize in Angular (all versions), TypeScript (all versions), JavaScript (all versions), NodeJS (all versions), design-patterns, data-science, and, test-driven development for full stack efforts.

Current Focus: Flutter, Dart, Angular 10 (TypeScript), NodeJS, Azure & Azure DevOps, CI/CD Pipelines, Microservices (NodeJS, Go & .NET), ML, AI, BI, .NET(C#, MVC, WebApi2), Serverless Functions (Aws Lambdas/Azure Functions), REST APIs, SEO, Docker/Compose, JavaScript(all-versions), TypeScript(all versions), SPAs/PWAs, Agile/Scrum, and everything cloud based for global distributed systems with HA capabilities.

High Level Overview – Bowman Skills (Tree Shaken- to drop old technology)		
General Skills	Top Technical Skills for Today's World	
<ul style="list-style-type: none"> • Abstraction Modeling • Agile / Scrum • Analysis • Coding • Config Management • Data Modeling • Design Dev Ops (CI/CD) • HA • Environment Tuning • Networking • Project Management • Remote Engineering • Testing (TDD, UAT) 	<ul style="list-style-type: none"> • Angular 1.x – 10 with AG-Grid • Angular IDE, Angular-CLI • Angular-Compiler, AoT • Atlassian Tools (Jira, Confluence, etc.) • AWS (S3 / Lambda / Cloud formation, etc.) • Azure (functions, service bus, queues, etc.) • Azure Storage Explorer • Babble / Webpack • Bootstrap / Foundation / Material Design • CSS / LESS / SASS • Databases (see note below) • Flutter / Dart • GIT / TFS / Subversion / Mercurial • GitHub, GitLab, Bit Bucket, GH Desktop • Go & Python • Google Apps • JQuery, Jenkins • JavaScript (ES5/ES6/ES7/ES8/ES9) • JSON, JWT, AUTH0 • DJANGO • Kibana 	<ul style="list-style-type: none"> • LINQ / LAMBDAs • Linters (JSLint, ESLint, TSLint) • .NET (C#, MVC, WEBAPI2, Unity) • NODE JS (EXPRESS), Npm, Yarn • RxJs, NGXS, NGRX • OData, Entities- 365 • Postman • REST (APIs) • Riot JS • SaaS / IaaS / PaaS / IoT • Signal R / Socket IO • SOAP/WSDL • SPAs • Swagger • Typescript • VS.NET / VSCODE • Vid Conf (WebEx, Goto Meeting, etc.) • Vue • VSTS & VSO • Azure DevOps / Pipelines • Docker / Compose

All frontend solutions I design employ MVC, MVVM, or MVP design patterns.

The skill list (above) does not reflect the decades of experience with various DBs such as Oracle, MS SQL Server, Teradata, MongoDB, Cosmos DB, No SQL, Graph DBs (Neo4j, Cypher for query), etc.

A typical workday in the life of Michael Bowman (remote engineer)

At my desk by 7:00AM PST to work independently, or, with remote teams on a global basis. I develop both locally, and for the cloud using Stack Blitz, PLNKR, MLAB, VSCODE, NODE JS, Azure, AWS, GitHub & GitLab. I use Docker & Docker Compose to build out Angular SPAs, components, and REST APIs quickly. I code REST APIs using the MEAN stack as well as serverless functions with Go, NodeJS, DJANGO or Python. Throughout the day I'm helping other team members with technical issues (providing oversight via WebEx, Google Hangouts, SLACK and Zoom), and managing the Sprint with Atlassian Tools or Azure DevOps, Smartsheet, Trello, etc. I perform DevOps tasks (building & running pipelines) as well as helping to build out and groom requirements for the sprint backlog. 😊

WORK HISTORY (compressed version)

• AUTODEV – (CA) - Full Stack Architect / Engineer 8/15/2019 – 4/21/2020

Greenfield #1: With minimal supervision I worked with users to design, build and deliver an Angular 9 (Typescript) high-frequency-data-update-and-display app for the Galves Analysis Team so they could maintain and modify numerous data points for every car in the Galves system *in real-time, with full audit capability*. This app used Angular, Python, Django and SQL Server with Material Design, and AG-GRID on the front end. Was also responsible for all ETL data operations to scrub and load the data (migrations). **Greenfield #2:** I designed and built a responsive Google Maps Auto Transport Tracking widget that is soon to be used (embedded in websites) by dealerships nationwide (starting on the East Coast). The fully responsive widget tracks “transport trucks & drivers” in real-time across America and plots the data on “Angular Google Maps”. Used Material Design, SASS, RxJs. This was a high visibility app.

Brownfield: I made numerous code contributions (bug fixes, new components, and new features) to many legacy apps, including Regulus (an Angular JS 1.5 legacy app).

•RV-NOW – (Bend Oregon) Full Stack Architect / Engineer 2/18/2019 – 6/29/2019

Helped bootstrap the startup. As a key member of the startup, I was responsible for establishing/standardizing tooling, and for spinning up the platform (Azure DevOps). I configured and ran the daily scrum meetings using Azure/DevOps, and, the build pipelines for deployments. I performed all duties as data-scientist for ETL purposes, data take on and validation purposes. I also designed and built an Angular front-end app for users to manage the data, also built NodeJS apps to perform ETL on the back (Azure cloud). Handled all Azure setup, tooling, and configuration, including branch strategies and gated check-ins. Also worked closely with the Mobile Team to deliver REST APIs they consumed. Performed all Scrum Master duties.

“The remaining projects are compressed for brevity sake”

Project	Dates
GoDo LLC (New Orleans LA) Lead Engineer / Scrum Master / DevOps	8/1/2018 – 1/14/2019
Columbia Sportswear (Portland OR) Senior Architect / Lead Engineer / Scrum Master	4/23/2018 – 6/18/2018
Veracity (Enterprise Arch Group) (Lehi UT) – Target: Young Living	02/2018 – 03/2018
Veracity - View Point (Portland OR) – (contract) Arch/Senior Engineer	11/2017 – 01/2018
INMAR Corp (Winston-Salem NC) – Senior Software Engineer	4/2017 – 10/2017
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 Engineer	11/2011 – 04/2014

Project	Dates
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, Senior Software Developer/Architect/Consultant (WA)	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/One Beacon Lead Developer/Consultant (Portland OR)	10/2000 – 10/2001
Kaiser, Software Engineer/Analyst/Consultant (Portland OR)	04/2000 – 06/2000
Automatic Data Processing (ADP), 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

- Graduated Alta Loma High School (CA) 1983
- Attended Chaffey College (CA) 1984 – 1985
- Symantec – Novell Networking, Microsoft NT, IBM Networking, UML
- *Daily studies using online platforms & tools for reference!*

Thank you for your time,

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