Michael Bowman

- **Open AI Specialist**
- **Scrum Master**
- **Architect/Engineer**
  - **Cloud Native (at scale)**
  - **Full Stack Solutions (FE/BE)**
  - **DevOps**

PITCH: *If you need professional experience and strong skills in software architecture, design, and engineering for custom cloud-native and full-stack enterprise solutions, then, you should hire me. Additionally, if you need a solid Scrum Master, particularly with Azure DevOps, GitHub Projects, and Atlassian Tools, again, you should hire me. I'm in the business of helping clients succeed with technology through best-practices, design patterns, proper tooling, guidance, guardrails, and of course, solid architectural, engineering & management skills.*

RESUME/REFs: *Page 2 of this document is a short technical resume. For the long resume-- with detailed project history-- please visit www.whiskeyrowsoftware.com. While you're there, be sure to read the Jordan B. Peterson psych test! My excellent references are available to you, but only after the interview process is complete, and a decision to move forward with an engagement has been made. This policy keeps my references safe from phishing attempts. Thanks for your understanding.*

CREDO: *My unwavering commitment is to always improve the process, the tooling, the team, and to execute better & faster with each passing sprint. Continuous Improvement for the sake of quality, efficiency and saving money!*

Greetings Friend,

Working alone, or, as part of a team, I design, develop & deploy custom *state-of-the-art* cloud native information solutions built on fully distributed architectures (using design patterns) for a wide spectrum of business & research domains, all from a secure location in Northern Arizona; *billed on a 1099 or W2 basis*. Besides the normal deliverables, I also provide accountability, clarity, and transparency as main operational crosscut staples for KPI tracking at upper levels.

Over the years, I've contributed greatly to numerous multimillion dollar projects (green & brown field) for Enterprise clients in every time zone on Earth. For Intel Corp, I completed 12 projects over 15 years.

As previously mentioned, I develop cloud native, enterprise level, fully distributed systems at scale for AWS & Azure, using 50+ cloud native design patterns, including CQRS, Bulkheads, Event Sourcing, Throttling, Circuit Breaker, DLQ, High Volume Ingestion, Push Notifications, and Trilateral APIs, to name just a few. I hold 6 **certifications** in Neo4J. I review emerging technologies & methods (stacks & process) each day via various sources.

Personal Note: For fun, I've been building new AI models using AWS Sage Maker and Microsoft Open AI. I've written a NodeJS app that consumes OpenAI Native Objects for NodeJS. I've also written an Angular 17 SPA-- with Module Federation-- that consumes OpenAI by direct endpoint calls, as well as via the CORS friendly NodeJS app (mentioned above) that proxies the calls from NG to OpenAI using Express, Socket.IO (Web Sockets) and RxJs.
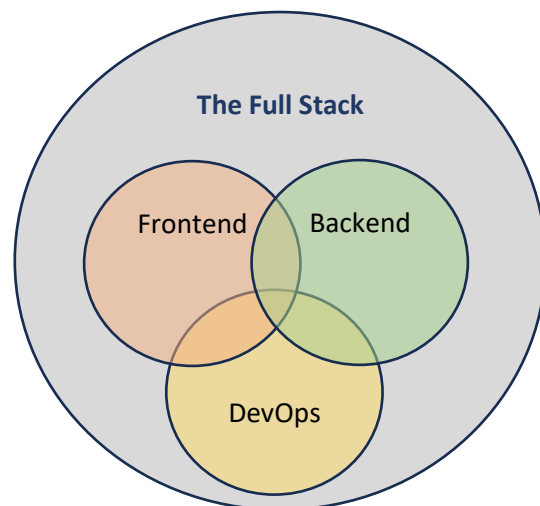
Thanks in advance for your time & consideration,
Michael Bowman
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Cell: 971-203-4437
Short resume on next page...

The Full Stack

Frontend

Backend

DevOps

I generate top quality deliverables faster than 95% of the engineering pack!

HIGH VALUE SKILLS

- **UI** (10)
  - **Angular (Typescript)**
    - *PWAs & SPAs*
  - **Flutter / Dart (Native – one codebase)**
    - *MacOS, Windows, Linux, Android, WEB*
  - **CSS / LESS / SASS**
  - **Material Design for Angular & Flutter**
  - **Test Driven Development**

- **APIs/Microservices** (10)
  - **100% Serverless at scale (NODEJS)**
  - **AWS & Azure**
    - *Architecture*
    - *Design*
    - *Coding*
    - *Testing*
  - **Trilateral Microservices**
    - *CQRS, Event Sourcing*
    - *Bulkheads, Circuit Breakers, Sync/Async*
    - *Queues (Dead Letter & Priority)*
    - *Throttling, Rules Engine*
    - *Telemetry, Logging/Reporting*
    - *40+ design patters for cloud native*

- **Scrum Master** (10)
  - **Agile/ SAFe**
  - **JIRA**
  - **GitHub Projects**
  - **Azure DevOps**
  - **Kanban**
  - **CLH**
  - **Project Management**

- **DevOps** (10)
  - **Azure DevOps Tools**
  - **AWS DevOps Tools**
  - **GitHub-Actions**
  - **Gitlab**
  - **Jenkins**
  - **100s of plugins**

- **Certs** (10)
  - **NEO4J – 6 certifications**
  - **Too many training classes to list here**

PROJECT HISTORY / CLIENT LIST

Client	
⭐ Intel	• 12 projects over 15 years
Boeing	• 2 projects over 3 years
Terminus / RSI	• 1 project over 1 year
DW Associates	• 1 project over 3 years
Smart Warehousing	• 1 project over 1 year

The list above is a **small sampling** of high-profile projects I have completed over 23 years. The full list (**with all the project details**) is available at: www.whiskeyrowsoftware.com

TECH FOCUS

- **MEAN Stack**
  - **(Mongo, Express, Angular, NodeJS)**
- **Angular (all versions)**
- **Angular Federated Modules / Standalone**
- **Angular CLI/BASH Shell/PowerShell**
- **Flutter / Dart / Android Studio**
- **TypeScript/JavaScript (all versions)**
- **jQuery/Ajax, Signal IO, Signal**
- **NPM/YARN/Webpack**
- **CSS/LESS/SASS/SCSS/Material Design**
- **JWT/Auth0/Claims/Rules**
- **TDD (Test Driven Development)**
- **APIs (REST, CQRS, Serverless, Docker)**
- **Cloud Engineering (AWS, AZURE)**
- **Queues (Rabbit, Cloud-Native)**
- **Polyglot Storage (DBs, File Storage)**
- **Databases (Graph-DBs, RDBMS, No-SQL)**
- **SQL, TSQL, PL-SQL, Cypher**
- **Jira/Azure DevOps**
- **Docker/Docker Compose**
- **Swagger/Postman**
- **Splunk**

- **Git / GitHub (CLI, Desktop, Actions)**
- **VSCODE / Visual Studio**
- **JSON / YAML / SCHEMAS / Markdown**
- **Object Modeling (Abstractions) UML**
- **Event Driven / Domain Driven**
- **Data Migrations (ETL, CDC)**
- **Business Analytics**
- **OOP & Cloud Design Patterns**
- **Open collaborator & team builder**
- **OpenAI (Prompts, Finetuning, Assistants)**
- **Precise & accountable remote execution**
- **Complex problem solver**
- **Excellent communicator**
- **A/V recording & editing (how-to-videos)**
- **Slack, MS Office, Google apps & maps**
- **3rd party widgets / components / libraries**
- **John Gilberts Cloud Native Patterns**
- **Best Practices / Design Patterns**
- **Cosmo DB, DynamoDB, PostgreSQL**
- **MongoDB, SQL Server, Oracle, Neo4j**
- **Redis, Firebase, Mariah DB, Couch DB**
- **C#, .NET Core**
- **BASH, PowerShell**

Thank you for your time & consideration.

Please visit www.whiskeyrowsoftware.com where you can find project history (the long resume), blogs, videos, and articles.

I love OpenAI, NodeJS, Angular, Flutter/Dart, Scrum, and everything Cloud Native (serverless)