

# Bradley Ables

FERDINAND IN • (812) 631-6047  
Email: BradleyAbles22@gmail.com  
LinkedIn: [www.linkedin.com/in/bradley-ables](http://www.linkedin.com/in/bradley-ables)

## LEADERSHIP & VOLUNTEERING

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### Management | Leadership

- Small Team Management **10 Years**
- Mentorship | Training **10 Years**
- Stakeholder Collaboration **5 Years**
- Hybrid Iterative Waterfall **4 Years**
- Government Subcontracting **2 Years**
- Staffing **2 Years**
- Agile Scrum **<1 Year**

### Community | Volunteering

- **Heretohelp.social**
  - Mentor those transitioning into software development from a variety of career backgrounds and cultures.
- **Practical Leading Discord Channel**
  - Mentor Developers and Leaders alike mainly in the tech industry.
- **Learn W/Leon & Friends Discord Channel**
  - Help mentor & answer coding questions to brand new developers participating in the 100DEVS bootcamp. This is a free self-paced bootcamp hosted by Leon Noel.

## TECHNICAL SKILLS

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### **C#**

**4 Years**

.NET Framework WinForms 3, .NET Core 5, .NET Core 6, Blazer Server-side ASP.NET, Azure

- Microsoft's .NET Framework and ASP.NET have been my "go to" framework since the beginning of college. It's simplicity and functionality make producing ERP & CRM business solutions quick and efficient whether it's desktop applications or web applications. Another great aspect of .Net is how simple it is to create UIs, as someone whose strengths favor functionality and system design over spending time on appearance this is a big plus for me.

### **Python**

**4 Years**

Pandas, Matplotlib, NumPy, Seaborn, BeautifulSoup, Folium, MicroPython (Embedded), Anaconda

- To lean back into quick and efficient. Python is my number one choice for producing fast command line scripts for automation as well as the primary tool I use to clean and explore large datasets.

### **SQL**

**4 Years**

MySQL, SQLite, SQL Server, MS SSMS, IBM DB2

- I primary rely on relational databases for the majority of my work rather than NoSQL databases. This is in large part because of how well they pair with Microsoft's toolkits. Database design and schemas are one of my strongest skills. Recently SQLite has been a favorite

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## RELEVANT WORK EXPERIENCE

(Non-related experience available upon request)

### **.NET Developer | Sr. Business Intelligence Analyst | COO**

**Oct 2020 - Present**

Blue Ridge Group, Jasper, IN

- Developed end-to-end HIPPA compliant software (**C#, SQL**) for patient intake and data collection at COVID test sites, software product enabled reduction in patient processing from 10+ min to <4 min.
- Created automated reporting pipelines (**Tableau**) and integrations with Government databases, enabled stakeholders (Physicians, Health Dept) to make decisions on testing strategy while optimizing inventory.
- Identified bottlenecks in software and processes for COVID-19 testing sites, designed operations and software improvements, increased test administration rate from 140 persons/day to >250 persons/day.
- Collaborated with key stakeholders to define reporting requirements, developed and delivered automated reporting pipeline (**Tableau**) to communicate insights on COVID-19 outreach campaigns.
- Established and maintained issue prioritization framework, hosted local and state representatives like the Indiana State Health Dept. to build roadmap action plan for inventory/demand issues.
- Built web scraper (**Python**) to collect publicly available contracts data, built automated marketing email tool and reviewed email open rates to inform company marketing strategy.

### **Project Manager (Independent Contractor)**

**May 2020 – Oct 2020**

MBO Partners / Logistics Health Inc, Jasper, IN

- Analyzed data to create performance baseline for COVID-19 test sample collection, used data to identify process improvements, designed improvements that increased testing capacity by >15%.
- Collaborated with program managers and emergency management officials to ensure site operations were in compliance with State regulations.
- Reviewed staffing data to ensure quality control of customer service and ensure compliance with training requirements.

### **Supervisor / Engineer**

**Feb 2011 – Feb 2015**

US Army Corps of Engineers, Tacoma, WA

- Deployments to Afghanistan, Kyrgyzstan, and US Southern Border
- Supervised team and progress on construction projects in high-stress battlefield conditions.
- Monitored and created improvement plans for site security in overseas combat zones.

## EDUCATION

### **LearnQuest / Coursera**

**2022**

Scrum Master Certification

### **University of California – Davis / Coursera**

**2021 - 2022**

Data Visualization with Tableau

### **IBM / Coursera**

**2021**

Data Science Professional Certification

### **Vincennes University**

**2018 - 2020**

Associates Degree – I.T / Software Development, GPA: 3.4 / 4.0