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| **REED SHIPLEY** | Denton, Texas 76209  reedbshipley@gmail.com • 469-693-8196 |

**APPLICATION PROGRAMMING INTERFACE (API) | BACK-END DEVELOPMENT**

5+ years of progressive experience building comprehensive back-end solutions and navigating integration roadblocks, analyzing raw data to develop actionable steps that provide scalable and automated support. Structures substantive development across the full life cycle with multi-faceted skills and a history of working with enterprise clients, internal teams, startups, financial institutions, and government partners.

Strategic Planning | Cross-Functional Teams | Root Cause Analysis | Troubleshooting | Design & Automation Resource Management | Agile & SAFE Methodology | Research | Documentation | Implementation

**TechNICAL SKILLS**

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| ***Languages:*** | *Ruby, Javascript, Python, Java, C#, HTML/CSS* |
| ***Frameworks:*** | *Rails, React, .NET, Express, Sass, Material-UI* |
| ***Version Control:*** | *Git, Github, Bitbucket, Codecloud, SVN* |
| ***Cloud/DevOps:*** | *Docker, Docker-Compose, Kubernetes, Red Hat OpenShift, AWS S3* |
| ***Testing:*** | *JUnit, RSpec, Jest, Postman, Selenium* |
| ***Databases:*** | *MySQL, PostgreSQL, SQLite, MongoDB, Firebase* |

**Professional Experience**

**Animal Care Technologies,** *Denton, TX* **4/2023 – Present**

**SOFTWARE ENGINEER**

* Made feature updates and fixes to a data conversion tool alongside other developers working in two week sprints.
* Researched and reverse-engineered dozens of database schema and operations for data-quality efforts.
* Built automation scripts and three internal tools to improve developer efficiency.
* Troubleshot client issues with our software to assist tech-support on escalated tickets across two projects.
* Maintained and improved .NET 5 product to meet client needs

**Shipley Labs LLC,** *Evergreen, CO* **3/2022 – 4/2023**

**FOUNDER | LEAD SOFTWARE ENGINEER**

* Worked on green-field and legacy projects to streamline scalability and scope of product.
* Created Software Solutions for startup clients from conceptualization to implementation, managing development across the full life cycle.
* Handled all business logistics including client meetings, bidding, negotiations, road-mapping, implementation, user documentation, and delivery.
* Managed multiple sub-contractors to ensure delivery to stakeholders.

**Dave,** *Remote* **7/2021 – 3/2022**

**SOFTWARE ENGINEER**

* Developed internal and external promotions API for banking customers using event driven architecture
* Reworked existing testing suite to bring team up to company >85% code coverage requirement
* Rebuilt CI/CD pipeline to automate releases and deployments, automating 20% of existing assigned developer work per sprint

**Oddball,** *Remote* **7/2020 – 7/2021**

**SOFTWARE ENGINEER**

* Worked as primary developer of a greenfield Ruby on Rails API for The Department of Veteran Affairs
* Participated in and later led company ruby guild of 12 members with goal of building internal tools to improve productivity.
* Enhanced business development process as a Subject Matter Expert (SME) and reviewer for government contract proposal, earning project approval for $40MM initiative.
* Led research groundwork for VA project to evaluate platforms as one of four contributors to 100-page white paper.

**Active Cyber,** *Remote* **3/2020 – 7/2020 (COVID-IMPACTED)**

**SENIOR FULL STACK DEVELOPER**

* Completed Okta Certified Professional certificate in the first four weeks of employment to assist with stakeholder meetings.
* Enhanced back-end production code in a variety of languages and frameworks based on client needs, including >5 major releases in Python, Java, Javascript, and C#.
* Established a cross-functional team of five new hires. Assisted with interviewing, on-boarding, and training staff.

**IBM,** *Remote***,** *Dallas, TX* **6/2019 – 3/2020**

**APPLICATION DEVELOPER, CLOUD MICROSERVICES**

* Assigned to a federal financial project valued at over $10B.
* Developer new features and improvements to monolith project built in Java 8 with SpringBoot
* Built PDF automation tool in a small four person team
* Played a key role in modernization, microservice development, and production support.

**Texas Army National Guard,** *Texas* **3/2011 – 3/2017**

**SERGEANT**

* Fire Direction Center Chief of a HHC (Headquarters and Headquarters Company) mortar platoon
* Worked as a squad leader, overseeing two teams of 4 soldiers
* Promoted ahead of peers to Non-Commissioned Officer at 3.5 years of service.
* Honorably Discharged at 6 years of service from 2nd Battalion, 142 Infantry Regiment

**education and training**

Rockwall-Heath High School Diploma, *Heath, TX*

**TECHNICAL CERTIFICATIONS**

Okta Certified Professional, Okta – 2020

Certified Specialist in OpenShift Application Development, Red Hat – 2019

Web Development Certificate, Dev Mountain, Dallas, TX – 2019