Alex C. Bowden

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OVERVIEW

Dedicated and results-driven software engineer with a passion for elevating code stability and optimizing developer experience. Leveraging the discipline, resilience, and strategic thinking cultivated as a former professional cyclist, I am committed to continuous improvement and excellence in software development. With a track record of enhancing code quality, streamlining processes, and fostering collaboration, I bring a unique perspective to problem-solving and teamwork. Expertise in implementing best practices in software design, code reviews, and mentorship, driving efficiency, and delivering measurable value to organizations.

TECHNICAL EXPERTISE

Languages & Frameworks: Python, Flask, TypeScript, NodeJS, React, REST, GraphQL

Databases: Postgres, MySQL, Redis, SQLAlchemy

Tools & Platforms: Git, Docker, AWS, Google Cloud Platform, Celery, Datadog

EXPERIENCE

ABowden Solutions, LLC. – *Owner* | FEBRUARY 2024 - PRESENT
- Founded and operated the boutique consulting firm specializing in identifying key business process enhancement opportunities, developing custom software solutions, and delivering SaaS products.
- Provided expert technical consulting, advising clients on best practices,and strategic approaches to solving complex problems that led to the delivery of scalable solutions and improved overall team morale.
- Designed, built, and launched a full-stack platform, increasing client touch points by 35% for a real estate client.

VGW US, Inc. – *Software Engineer, Server* | JULY 2023 - MARCH 2024
- Enhanced developer experience by coaching engineers and leadership on how to identify DX bottlenecks and improve engineering morale across project lifecycles.
- Implemented top performing games, including complex math models and game logic.
- Streamlined the developer documentation process, cutting release time by over 50% through the implementation of an optimized workflow and targeted focus on high-impact areas, enhancing overall quality.

Wurl, Inc. – *Senior Software Engineer, DevOps and Software Services* | NOVEMBER 2021 - APRIL 2023

- Spearheaded efforts to improve maintainability and reliability for applications, contributing to the AppLovin acquisition.
- Led a team to reduce operational costs by > $300,000 annually through technical solutions including a GraphQL API federated through Apollo, database schema redesign, and workflow process tools.
- Drove the adoption of a Microservice architecture that led to a significant simplification in overall operations workflows.
- Mentored engineers on second and third order requirements gathering and how to apply responses to allow for successful and robust project development.

Postscript, Inc. – *Software Engineer, Integrations* | AUGUST 2021 - NOVEMBER 2021

- Solved a complex production bug related to Postgres session management, improving uptime by 5%+ and saving thousands weekly on engineering spend.
- Mentored teams on balancing feature delivery and technical debt.

Brandfolder, Inc. – *Software Engineer, Integrations* | OCTOBER 2019 - AUGUST 2021

- Optimized software practices for scale, aiding in the acquisition by Smartsheet Inc.
- Implemented process improvements like version control processes, improving morale and engineering velocity by 20%.
- Designed and built an integrations platform with 99.99% uptime, reducing development time for new integrations by 300%+ and saving $10,000-$20,000 per integration.
- Developed a webhooks service handling 300,000,000+ monthly events, transitioning the organization to an event-driven architecture.

Appian, Inc. – BPMS *Application Development Consultant* | MARCH 2019 - OCTOBER 2019

- Consulted with Fortune 500 companies to design and build solutions, improving business process efficiency by > 50% per implementation.

SpotX, Inc. – *Software Engineer, Data Visualization* | JUNE 2017 - MARCH 2019

- Led the transition from an enterprise subscription-based BI tool to an open-source alternative.
- Developed and improved ETL scripts for warehousing and analyzing business-critical data.

ADDITIONAL PROJECTS

- Worked with the JDRF to help children and teenagers with Type 1 Diabetes learn to effectively use the tools at their disposal to work towards and achieve their personal goals.
- Mentored cyclists and endurance athletes on optimizing training and focus to maximize their potential.

EDUCATION

Southern New Hampshire University (SNHU)

Bachelor of Science with concentration in Computer Science | 2016