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Becky Briggs

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TECHNICAL SKILLS

Languages/Libraries/Frameworks: Python, Ruby, PHP, VB.NET, Java, C++, C, JavaScript, React, Ember.js, HTML, CSS, Selenium, Appium, T-SQL, PL/SQL, MySQL, PostgreSQL

Applications/Services/Tools: AWS, Jenkins, Docker, Git/GitHub, Jira, Wordpress, Heroku, Microsoft SQL Server, Visual Studio, Figma, Sketch, Slack, Zoom, Microsoft Office, G Suite

EXPERIENCE

TrueCoach by Xplor   **Ruby on Rails Engineer**   **October 2022 - October 2023**
- Designed, developed, and implemented API for new Group Messaging feature.
- Collaborated with a cross-functional team practicing agile software development including design reviews, sprint planning, sprint refinement, and sprint retrospectives.
- Developed automated Stripe chargeback process.
- Supported development with automated tests to ensure software conformance with best practice standards.

Wodify Technologies   **Software Engineer**   **July 2021 - June 2022**
- Developed automated tests for both web and mobile applications utilizing Python and Selenium.
- Implemented pull request process, trained associate engineers, and performed code reviews.
- Performed data analysis to determine and prioritize areas needing speed optimizations.
- Revamped the manual test suite for a high-risk release resulting in zero reported bugs.
- Completed back-end development utilizing Outsystems low-code platform following agile methodologies.
- Contributed to product design and management for upcoming and existing features.

Self-Employed   **Software Contractor**   **September 2018 - July 2021**
- Precision Nutrition - provided Ember.js front-end and Ruby on Rails back-end development for the ProCoach app, a platform for coaches to offer nutrition and workout coaching.
- Aech CO - provided back-end infrastructure development for a Ruby on Rails video editing web application (Mindstamp) which included:
  - RESTful API design, development, configuration, and implementation with OAuth 2.0 authentication and authorization.
  - Design and development of an organization and team structure with customizable roles and permissions managed at the customer level.
  - Infrastructure development and configuration for third-party API integrations.
- Breathe Later - implemented a custom gym management system utilizing Wordpress and PHP.
- Cincinnati Reds - audited data collection processes within the Strength & Conditioning department and provided tools for data collection and reporting structured to support uploading into a newly acquired Athlete Management System.
- Sion Power - assessed production process and made recommendations for design of the database supporting a custom Manufacturing Execution System.

Global Solar Energy   **Director of Data Systems**   **January 2018 - March 2019**

- Led global teams in a major project by adding multi-language support, writing equipment data specifications for new production lines of equipment, implementing source control, managing a team of four developers, and coordinating deployments with an overseas team.
- Served as a key member on the team for new software selection, testing, and implementation as well as further implementation of existing software including the company's ERP system (IFS), CRM system (Nutshell), and ECM system (OpenText).
- Maintained previous responsibilities held under Systems Integration Manager title.

Global Solar Energy   **Systems Integration Manager**   **April 2013 - January 2018**

- Developed customized Manufacturing Execution System with VB.NET front-end and Microsoft SQL Server back-end which included requirements gathering, database and application design, development, testing, and implementation.
- Maintained and administered Microsoft SQL Server and Oracle databases to ensure optimal performance to support new product lines and factory ramp-up.
- Managed data migration into the databases from various outputs including local machine databases, PLCs, and flat files throughout the facility.
- Created and defined reports used throughout the entire company including metrics reporting, financial reporting, and SPC reporting.
- Supervised and prioritized work of supporting staff members and contract developers to maximize effectiveness of the department in supporting company objectives.

CrossFit Lanista   **Owner/Coach**   **May 2015 - October 2017**

- Started gym from the ground up and achieved profitability within 12 months of opening.
- Managed staff development, payroll, financials, apparel design, and purchasing.
- Programmed gym workouts and coached classes.
- Organized events and held two competitions raising a total of $5,000 for charity.

Global Solar Energy   **Development Engineer - Integration**   **October 2011 - April 2013**

- Performed data analysis, process-wide troubleshooting, and process development resulting in improved solar efficiency and product yield.
- Designed, implemented, and maintained PHP website that provided automatically updating reports and graphs via JSL and SQL scripts.
- Designed, managed, and administered SQL Server 2008 database application which uploaded data from user and file inputs.
- Identified and prioritized programmer's tasks to improve yield by optimizing machine software.

EDUCATION

University of Arizona, Tucson, Arizona, 2019
Full Stack Web Development Certificate

University of Arizona, Tucson, Arizona, 2008
Bachelor of Science in Engineering Management, Minor in Spanish

CERTIFICATIONS

Amazon Web Services Developer - Associate, 2020-2023

Microsoft Certified Technology Specialist: .NET Framework 3.5 Windows Forms Applications (MCTS), 2013