TARIQ ALI

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SKILLS

FRAMEWORKS/TOOLS: Ruby on Rails, jQuery, Materialize, Sinatra, Bootstrap, React.js, RSpec, RailsAdmin, ActiveAdmin, CoffeeScript, Angular 1.X (AngularJS), jQuery UI, Node.js, Django, Docker, Capistrano, AWS, Backbone.js, DataTables.js, Selenium, MSTest, Unit
LANGUAGES: Ruby, JavaScript, HTML, CSS, SQL, Python, C#, C++, PL/SQL, T-SQL
DATABASES: MySQL, SQLite, Oracle, Microsoft SQL Server, CosmosDB, Postgres

EXPERIENCE

USAA, *Software Engineer*   July 2020 - Current
- Build and maintain the backend of USAA's internal tools. Worked with .NET (C#), Microsoft SQL Server, T-SQL, and Powershell.
- Participate in code reviews and pair programming sessions with other software engineers.
- Write and maintain API documentation.
- Write automated tests using MSTest and NUnit.

Software Engineer, *P97 Networks*   Nov. 2018 - July 2020
- Built and maintained the backend of P97's digital payments system. Worked with .NET (C#), Azure, CosmosDB, Microsoft SQL Server, and T-SQL.
- Participated in code reviews and pair programming sessions with other software engineers.
- Wrote API documentation and flowcharts to help programmers understand different aspects of P97's digital payments system.
- Wrote automated tests using Selenium and MSTest.

Senior Software Engineer, *Infosys*   Mar. 2018 - Nov. 2018
- Built and maintained internal tools for a major oil & gas corporation. Worked with React.js, Backbone.js, DataTables.js, .NET (C#), PL/SQL, Sharepoint, and Oracle databases.

Software Design Engineer (Contract), *Microsoft*   July 2017 - Nov. 2017
- Participated in a project to automate the interview scheduling process at a department, with an emphasis on helping the team build an internal .NET (C#) web application. Wrote client-side and server-side validation for user input, wrote automated tests and manual test cases, and set up a build process. Conducted some initial research into PowerApps and Microsoft Flow to help the rest of the team incorporate these technologies into the automation project.
- Participated in a project to help identify critical issues within an application, and presented this project to other people within the organization. Wrote C# and C++ code to instrument telemetry, and used internal tools to generate e-mail alerts based on that telemetry.

Freelancer, *Ramal Tech*   Apr. 2017 - Mar. 2018
- Contributed to Gitcoin.co, a freelancing web application focused on open-source projects. The project uses Python, Django, jQuery, Docker, and the Ethereum blockchain.
- Maintained an educational web app for Kaplan ("Explore Data Science"), which uses Ruby on Rails on the backend and Angular 1.X on the front-end.
- Advised a client on how to bring a product delivery business to market, helping them maintain their Wordpress website and building out an admin dashboard that uses Ruby on Rails.
- Built a report generator using Calyx (a Ruby gem) and created a Ruby on Rails website for gathering data using jQuery and RailsAdmin.

Software Engineer, *Firespring*   Feb. 2016 - Dec. 2016
- Developed and maintained websites for Firespring's clients, including Yoganonymous (a Yoga social networking website), SL Green, Fisher Brothers, and Nebraska Educational Telecommunications . Focused on backend web development and front-end JavaScript. Used jQuery, RailsAdmin, RSpec, CoffeeScript, Angular 1.X, Ruby on Rails, AWS, and Capistrano. Conducted code reviews and collaborated with account managers. Worked on a team of 4-6 people.
- Worked on technological "spikes" to determine the feasibility of new projects (examples: built a insurance rate calculator using a reverse-proxy using Node.js, rebuilt an internal website using ReactJS, tested an online form using RSpec and FactoryGirl).

Web Developer, *Digital Fractal Technologies*   2015 - 2016
- Developed a "Content Management System" to allow users to update their own "tour guide" mobile applications, with Sinatra (a Ruby framework) and Bootstrap.

Web Developer, *Serene Technologies*   2015 - 2016
- Built the "UTradeBook" web app (a website allowing people to buy and sell books and notes) using Ruby on Rails and Bootstrap.
- Maintained SOLARO, an educational web app built on Ruby on Rails and using the ActiveAdmin gem.

Administrative Assistant and Webmaster, *Southwest Medical Center (Dr. Syed Azeemuddin)*   2014 - 2015
- Created and maintained a Wordpress website for a 501(c) non-profit organization, and sent out periodic newsletters about the organization.
- Developed several other Wordpress websites for Dr. Syed Azeemuddin as well.

EDUCATION

Dev Bootcamp (learned SQL, HTML, CSS, Ruby and JavaScript)
Web Design 2015

Northern Arizona University
Masters Political Science 2012

Arizona State University
Bachelors Political Science and History 2010