

# 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

### Software Engineer, *Improving*

Jan. 2022 - Jan. 2023

- Maintained an webapp that collects data for a medical non-profit, and assist in the deployment of said webapp. Worked with .NET (C#), Microsoft SQL Server, T-SQL, Bootstrap, jQuery, Docker, Microsoft Azure, and Ruby.
- Wrote automated tests using MSTest and conducted manual Quality Assurance tests.
- Regularly communicated with the leadership of the medical non-profit - clarifying requirements and giving progress reports as to the status of the webapp.
- Coordinated a major .NET security upgrade for the webapp.
- Wrote and maintained documentation about the web application.
- Participated in code reviews and pair programming sessions with other software engineers.

### Software Engineer, *USAA*

July 2020 - Dec. 2021

- 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](https://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

- Developing and maintaining 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, Ruby on Rails, AWS, and Capistrano. Worked on a team of 4-6 people.
- Worked on technological "spikes" to determine the feasibility of new projects (examples: setting up an insurance rate calculator using a reverse-proxy using Node JS, rebuilding an internal website using ReactJS, testing an online form using RSpec and FactoryGirl).
- Coordinated a major .NET security upgrade for a webapp owned by one of Firespring's clients.
- Worked with account managers to determine clients' problems and to discover possible solutions to their problems.
- Reviewed other people's pull requests, conducting "code reviews" and "Quality Assurance" tests as appropriate.
- Participated in an Agile work environment with weekly developer meetings and daily standups, where we discussed ideas and suggestions to improve our team's performance.

### 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