

# TARIQ ALI

✉ tra38@nau.edu 🌐 tra38.github.io ☎ (480) 580-8960 🐦 Tariq\_Ali38 in /in/trali 📄 tra38

## 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, NUnit, .NET, Linux, MacOSX, Windows  
**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 a 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

- Built and maintained the backend of USAA's internal tools. Worked with .NET (C#), Microsoft SQL Server, T-SQL, and Powershell.
- Participated in code reviews and pair programming sessions with other software engineers.
- Wrote and maintained API documentation.
- Wrote 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

- 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, 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 Ruby on Rails 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