

Syed Muhammad Musa Raza

Software Engineer

Projects

Awaaz • A SoundCloud clone built with Rails and React/Redux

[Live](#) • [GitHub](#)

- Showcases songs CRUD, allowing continuous play regardless of location of user on the site.
- An audio slice of state dynamically sets the queue for songs, depending on the page.
- Includes a modal component for logging in and signing up, keeping code DRY.
- Remotely stores uploaded songs in the cloud through AWS S3.

Skills

JavaScript • Ruby • React • Redux • Rails • jQuery • SQL • HTML • Capybara • RSpec • Git • CSS • jBuilder

Experience

Research Intern • UAMS • Little Rock, AR • 2016

- Investigated statistical correlation between heart-failure and protein intake.
- Administered 4 mental and physical tests to 15 patients.
- Used EPIC software to gather relevant indicators for patient health.

Tutor • Varsity Tutors • Wichita, KS • 2016-2017

- Improved the understanding and score of all my students taking the MCAT examination.
- Developed a detailed program catered to each student personally.
- Worked with 7 students over three months, individually.

Education

App Academy • 2016

- Web development course with 1000-hour curriculum and < 3% acceptance rate.

University of Michigan • B.Sc in Biology and Middle Eastern Studies • 2011-2014 • GPA: 3.5

- Served as president of a cultural organization handling a budget of \$12k.