

Ankush Challa

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Portfolio: <https://ankushchalla.github.io/Portfolio/> | **GitHub:** <https://github.com/ankushchalla>

Full-stack developer leveraging applied mathematics background to create engaging, multi-faceted web applications. Earned a certificate in full stack development from UC Riverside Extension. Creative problem-solver who is passionate about using mathematics and computer science ideas to create complex systems written in clean, modular code.

EDUCATION

Certificate, Full Stack Web Development | University of California: Riverside | Riverside, CA

Bachelor of Science, Applied Mathematics | University of California: San Diego | San Diego, CA

PROJECTS

Shuffle-Playlists | **GitHub:** <https://github.com/ankushchalla/Shuffle-Playlists> | **Link:** <https://stormy-scrubland-36302.herokuapp.com/>

- Implemented principles of modular software design to compartmentalize key functions, such as data retrieval and data-using processes.
- Used Node.js and the Spotify API to shuffle two playlists selected by a Spotify user.
- Collected user input and passed data to the server via client-side JavaScript.
- Utilized an express server to pass and retrieve data from the Spotify API.

Weather-Dashboard | **Github:** <https://github.com/ankushchalla/Weather-Dashboard> | **Link:** <https://ankushchalla.github.io/Weather-Dashboard/>

- Implemented fundamental design principles, such as balance and negative space, to create a minimal, elegant, and responsive user interface using CSS Flexbox and media queries.
- Displayed current and future weather conditions of an inputted city using JSON retrieved from the OpenWeather API.
- Collected input from the user to pass to the API via client-side JavaScript.
- Dynamically updated the user interface to display weather information retrieved from the API.

Dabblr | **Github:** <https://github.com/Relten98/Dabblr> | **Link:** <https://dabblr-tutorials.herokuapp.com/>

- Collaborated in a group of four programmers to develop a full stack application that displays tutorials for certain topics.
- Created a professional, responsive user interface using HTML, CSS, and Bootstrap.
- Implemented GET and POST requests for retrieving topic information from the server, sending tutorial links inputted by the user to the server, and topic voting.

TECHNICAL SKILLS

Languages: JavaScript ES6+, CSS, HTML, MySQL, MongoDB

Tools: React, Express, Node, Sequelize, Mongoose, Handlebars, Bootstrap

Other: Experienced with Git and Github, Heroku, Public Speaking, Creative Writing