

RYAN MOON

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Portfolio: <https://ryanmoon.xyz> | GitHub: [Github.com/Moonryc](https://github.com/Moonryc) | LinkedIn: [linkedin.com/in/Ryan-C-Moon](https://www.linkedin.com/in/Ryan-C-Moon)

Fullstack React.JS/React Native web developer with a degree in engineering and passionate about providing a responsive, stable, and enjoyable user experience across all devices. Eager to take on new programming challenges and collaborate with others. Strengths include creativity, organization, and teamwork.

TECHNICAL SKILLS

Languages: Javascript ES6+, CSS3, HTML5, TypeScript

Applications: GitHub, MongoDB, GraphQL

Tools: Express, ReactJS, React Native, Node, Bootstrap, Material UI, JQuery, MySQL

RECENT PROJECTS

Moonmeds | <https://github.com/moonryc/red-binder>

- Summary: A React Native Application for managing medications for multiple family members
- Role: Sole author
- Tools: TypeScript, Express, GraphQL, React Native, MongoDB, React-navigation, Apollo

MovieNight | <https://github.com/ChisatoSozo/ai-code-helper> | <https://ryanmoon.xyz/sarabot>

- Summary: An AI tutor that can help assist students in HTML, CSS, and javascript by answering questions
- Role: Co-lead Frontend engineer, Co-lead backend engineer
- Tools: TypeScript, Express, GraphQL, React.JS, MongoDB, Apollo, AI21 studio

Quick-Techie | <https://github.com/moonryc/quick-techie> | <https://quick-techie.herokuapp.com/>

- Summary: Wordpress clone, users are able to write blog posts and comment on other users blog posts as well as edit prior posts and users can delete personal posts and comments
- Role: Sole author
- Tools: Express, bcrypt, express-session, sequelize, handlebars, MySQL, CSS, Javascript

EXPERIENCE

Engineer June 2019 - March 2021, Beaumont TX

Texas Department of Transportation

- Engineered data collection and calculations to prioritize roads needing improvement.
- Designed improvements for existing roads to reduce accidents, prevent fatalities, and ensure proper roadside drainage.
- Generated engineering standards and drawings for contractor bid packages and construction.
- Performed onsite surveys and inspections of state highways for engineering data collection.
- Engineering Internship Summer of 2018 for TxDOT

EDUCATION

Rice University | Bootcamp Certificate| May 2022

- An intensive program focused on gaining technical programming skills in HTML5, CSS3, Javascript, JQuery, Bootstrap, Node.JS, MySQL, MongoDB, Express, Handelbars.js, React.JS, GraphQL.

Lamar University | Civil Engineering | May 2019 | GPA: 3.778 | Major GPA: 3.800

- Graduated Summa Cum Laude