# Derek Glassick

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## SUMMARY

Software Engineer with a proven ability to deliver robust, effective products in collaborative settings under strict and often tight time constraints. Willing to take the lead or be part of a team with any project. Always seeking personal growth, I continued to develop my software skills through full-time work and part-time contracts working on Frontend Technologies. I always strive to do the best job I can, and am willing to assist my team with whatever I can to make their lives easier. I am looking forward to applying my knowledge and passion for development on a team of developers.

## SKILLS

- **Languages**: TS, HTML, JS, CSS, Python
- **Frameworks**: Node.js, Express.JS, MERN, React
- **Libraries**: jQuery, Next.js
- **Databases**: MongoDB, SQL, QlikSense
- **Authorization**: JWT, Bcrypt
- **Testing**: Jest
- **CICD**: GIT, Heroku, Firebase

## In a developer role at your company I will…

- Code within company coding standards and styles.
- Write fully automated code tests in adherence to best practices.
- Learn how to leverage the current CICD pipeline in place.
- Build responsive frontend designs to spec per the UX design.
- Build out API routes per RESTful design structure.
- Diligently prioritize multiple projects to ensure timely results.
- Be coachable and accepting of constructive criticism.

## EDUCATION

**University of California, Riverside - The Coding Bootcamp**                **Riverside, CA** 2020

Learned industry best practices and practical software development standards with a focus on HTML5, CSS3, JavaScript, jQuery, Node.JS, React, Redux, and algorithms and data structures. I created and deployed applications while learning new languages and frameworks by collaborating several hours every week with a senior web developer.

**California Baptist University - Master's of Science, Education**

Riverside, CA 2015

**California Baptist University - Bachelor's of Arts, History**

Riverside, CA 2013

## EXPERIENCE

**Software Engineer/Frontend - Eidex Insights**                **March 2021 - Present**

Frontend web developer creating React components, creating mockups, and creating visualizations using QlikSense and complex data objects. Worked with a team to help come up with solutions to complex data issues. Updated old React components to follow current standards and technologies. Researched best practices and other current technologies to keep product maintained and standardized. Worked on bugs and other quality assurance on application, both checking for data errors and component bugs.

- X  Created complex forms to allow users to add, edit, or delete data as well as utilized complex data structures to convey information
- Y  Adapted components to be reusable and responsive depending on the need
- Z  Peer reviewed other developers work to help ensure code was up to standard

**Software Engineer/Frontend/Backend - AZ Lab Technology**                **August 2021 - Present**

Part time contract where multiple applications were developed ranging from education administration, sports management, and business logistics tools. Worked with React and React Native on the Frontend and MongoDB for backend data storage and manipulation. Created React application from scratch, incorporating code standards, and implemented Redux state management.

- X  Created a Google Extension in React to help monitor student data.
- Y  Made components that were reusable and mobile friendly.
- Z  Used TS to help make typesafe code

**English Teacher/Teacher Tech - Val Verde Unified School District**                **June 2016 - June 2021**

Managed five periods of 35 students to be goal oriented through rigorous content. Direct instruction was designed to help students see the final goal, and 1 on 1 instruction implemented uniquely and designed with a scaffolded approach to help support the student. Collaborated with other teachers to design instruction, talk about best practices in education, and incorporate technology in the classroom. As the teacher tech, I helped teachers with a wide variety of technical needs, from printer issues, to designing websites to use for curriculum.

- X  Teacher team leader that helped the team stay organized, look at problems from different perspectives, and always be goal oriented.

Y    Helped push our school to invest in different technologies that would benefit students and give them 21st century skills.

Z    Helped lead Professional Development meetings to provide teachers with technical skills to use things like Google Classroom, Google Sheets, and other technology services

## PROJECTS

**Settings Menu - Eidex Insights - January 2023**

A form that modified the objects that were sent to QlikSense to generate visualizations. This form allowed users to manipulate aspects of the visualization live, particularly those that were not data related. This allowed users to clarify, style, and change the visualizations to fit their needs..

X    Types were made to ensure that data was not mismanaged.

Y    Used React Hook Forms to allow for validation and other data checks easily.

Z    Created custom inputs like Color Pickers to allow for extensive customization.

**Fuego CRM - AZ Lab Tech - December 2022 - present**

React application for Fuego FC, minor league soccer team. Application was utilized to help logistic performance, date/time management, tasks, customer contacts, scouting reports, and inventory management.

X    Created complex tables to allow users to filter contacts, sort groups, and edit/input data directly into the table.

Y    Application used MongoDB backend, created queries to fetch, post, put, and delete.

Z    Application was responsive and mobile friendly.

**Nav Menu - Eidex Insights - September 2021**

Created a collapsible Side Nav that was clearly labeled, had nested menus, and reusable.

X    Types were made to ensure that data was not mismanaged.

Y    Material UI was used to help make the nested menus and utilize a cohesive style.

**Class Currents - AZ Lab Tech - September 2021**

A Google Chrome Extension with time tracking, complex forms, and live data manipulation. Teachers could create assignments, track how much time a student spent on the assignment, and create alerts to notify students when an assignment is approaching the due date.

X    Types were made to ensure that data was not mismanaged.

Y    Created responsive frontend layouts that displayed forms, showed data, and had user authentication.

Z    Created backend queries to send and receive data to MongoDB.

**Teacher Stack - July 2020**

Application designed for teachers. Teachers deal with an incredible amount of data that is usually not found in one location. The application I made was designed to help teachers get information about their students easily and quickly. Teachers also had a forum they could post questions too if they needed it. Application uses React, Redux, MongoDB, Node.js, and Rest APIs.

X    Created a single page application using React to navigate and route dynamic pages.

Y    Allows users to create an account with JSON Web Token for authentication, create classes, keep track of todo lists, and communicate with other teachers in a forum.

Z    Developed REST APIs to allow our React frontend to send, save, push, and delete data from our MongoDB backend.

**COVID Tracker - April 2020**

Website designed during the first few weeks of quarantine to help relay CDC recommendations for staying safe, uptodate news articles, and a heat map that shows the number of cases, deaths, and recoveries for each country. Technologies used were HTML, CSS, Javascript, Leaflet maps, Rest APIs, and AOS.

X    Built to show up to date covid safety tips, statistics, and used data to build a map showing the impact of COVID world wide.

Y    Data was pulled from multiple APIs to display statistics, news articles, and heatmaps.

Z    Map is generated using Leaflet, COVID Data from Johns Hopkins, and Jquery.