

# Alex Contreras

## Full Stack Developer

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## Technical Skills

<b>Frontend</b> HTML5 CSS3 Sass Bootstrap Handlebars JavaScript jQuery Vite React JWT	<b>Backend</b> Node Express Python Npm
<b>Databases</b> MySql MongoDB Sequelize Mongoose	<b>Testing</b> Jest
	<b>Tools</b> VsCode Git Github Heroku Postman

## Education

**Dec 2021 - June 2022** Full-Stack Developer BootCamp The University of Kansas

## Personal Projects

### Instagram Clone - [Live Site](#)

- Collaborated with a team of 4 to develop a photo-sharing web application using the Agile methodology
- Concurred with my team on the design and implementation of every handlebar partial and layout
- Developed the login, sign-in, and sign-out features using session cookies, enhancing the security and user experience
- Conducted thorough code reviews to identify and refactor vulnerable code, improving the overall quality and stability of the application.
- Handlebars CSS3 Javascript Express MySQL Sequelize

### GeekTutor - [Live Site](#)

- Worked in a team of 4 to create a tutor web application using Agile development
- Implemented dynamic queries to display tutor data on the web page efficiently
- Utilized react-bootstrap to design a mobile-first layout, making the application accessible and intuitive on multiple devices
- Created documentation for the project
- MERN Stack Javascript React-Bootstrap

### Expense Tracker - [Live Site](#)

- A web application for tracking expenses allows you to input all your payments into a central location, making it easy to keep track of your spending over time
- Ensured the security of the application by implementing bcrypt.js to encrypt user data and validate logins
- Created RESTful APIs to enable users to perform CRUD operations on their expenses, and tested them using Postman to ensure the functionality
- Designed scalable API routes to accommodate future growth and changes to the application
- Implemented JSON Web Token authentication to enhance the security and accessibility of the application, allowing only authorized users to access and modify their own expenses.
- SaSS JavaScript React Express Mongoose Postman bcrypt JWT React-Router

### One Tech Blog - [Live Site](#)

- A web application that allows the user to create profiles and upload blogs following the MVC paradigm
- Enforced encryption with bcrypt.js to hash passwords and validated user's login
- Created REST APIs to perform CRUD operations
- Unit testing is done on the helper function to improve maintainability
- Handlebars CSS3 Express Javascript Sequelize Express - Cookies Jest Insomnia