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ahsan-zaidi-r (LinkedIn)

ABOUT

I am a self-motivated web developer with considerable technical skills in both front and backend development. As a quick learner, I'm able to play a key role in streamlining existing codebases and writing reusable code to encourage efficient workflow. I have a keen eye for frontend development and strong attention to detail when writing backend code; Looking to improve my existing skillset through experience.

EDUCATION

UNIVERSITY OF TEXAS AT AUSTIN   2022 – 2022
Fullstack Developer Certification
GPA: 3.8

UNIVERSITY OF TEXAS AT SAN ANTONIO   2016 – 2021
Information Systems
GPA: 3.2

SKILLS

Languages:
HTML5, CSS, JavaScript, SQL, Java
Databases:
Relational Databases, NoSQL
Software & Technologies:
Node JS, Express JS, React JS, JQuery, Bootstrap, Sequelize, Moment JS, MongoDB, Mongoose, Jest, Server Side API, REST API, MERN, MVC, SPA, PWA, ORM, Handlebars JS, JSON, JWT, Dotenv, GraphQL, VS Code, Git, GitBash, Heroku, Insomnia, Postman, Jira, Lighthouse, MS Office

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EXPERIENCE

BINARY CHEMIST   01/2021 – 05/2022
Remote // *Web Development Intern*
- Built intuitive and accessible UI for multiple webpages using client wireframes
- Refactored previous code into reusable blocks in order to improve code maintenance
- Consumed REST API data to produce new models and routes; integrating them into existing SQL database
- Enhanced older web pages by adding different CTAs via DOM manipulation, in addition to introducing mobile friendly responsiveness
- Improved existing codebases by optimizing page load times using the Lighthouse chrome extension and maintained code accuracy through Jest testing

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PROJECTS

Project MGMT
- CMS application used to manage client/employee content using create, read, update and delete operations
- Object data models created through Mongoose using NoSQL as the database type
- I constructed query options using GraphQL, then tested each individual operation using Apollo Client
- I included query logic to delete projects linked with employees in the case that employees are removed
- Handled all middleware operations using CORS allowing permission to load resources between browsers
- The UI is built in React JS, I used function based code with Bootstrap as the primary styling library

Anime Blog
- Blog application for anime lovers, the purpose is to allow users to share their thoughts and opinions on their favorite anime
- The application is developed using MERN tech stack; to improve security I incorporated user login and authentication features
- Model schemas include user, post, and category; categories using post as a reference object to group posts with related content on a single page
- For additional user customization I utilized Multer allowing picture paths for both user accounts and posts
- I tested route integrity using Insomnia
- Initially I deployed the blog through gh-pages however the server would not connect to the UI, It was then redeployed properly using Heroku

Hook-Em-Up *(Collaborative)*
- eBay type application built to connect users in the UT Austin area to allow for selling of college related textbooks, clothing, memorabilia, tickets, etc
- Project built using MVC tech stack; with Handlebars JS utilized as the primary front end library
- RESTful API created using Express and Node JS; I worked with Sequelize for ORM and database management
- I improved security by adding JWT for user login/authentication giving users a set time limit per active session
- To further enhance security I used Dotenv to protect all environment variables including API keys and URLs
- Future plans for development include adding a chat system for users to communicate directly through the application instead of exchanging contact information to meet after sales have been finalized
- We deployed the application through Netlify

LEADERSHIP-VOLUNTEER (2018-2020)

Mind of Success Tutoring
Technical Staff Lead
- As a member of the technical team I was tasked with introducing students to office technologies mainly utilized Microsoft Office applications
- I coordinated with the program director to create specific lesson plans and academic goals tailored to each student
- Provided homework assistance and tutoring for youth and developed progress trackers for students who attended regularly to generate a more individualized tutoring method