

# AHSAN ZAIDI

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PHONE	EMAIL	WEBSITE	SOCIALS
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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	<b>UNIVERSITY OF TEXAS AT AUSTIN</b> <i>Fullstack Developer Certification</i> GPA: 3.8	2022 – 2022	
	<b>UNIVERSITY OF TEXAS AT SAN ANTONIO</b> <i>Information Systems</i> GPA: 3.2	2016 – 2021	
SKILLS	<b>Languages:</b> HTML5, CSS, JavaScript, SQL, Java <b>Databases:</b> Relational Databases, NoSQL <b>Software &amp; Technologies:</b> 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		
EXPERIENCE	<b>BINARY CHEMIST</b> <i>Remote // Web Development Intern</i> <ul style="list-style-type: none"><li>Built intuitive and accessible UI for multiple webpages using client wireframes</li><li>Refactored previous code into reusable blocks in order to improve code maintenance</li><li>Consumed REST API data to produce new models and routes; integrating them into existing SQL database</li><li>Enhanced older web pages by adding different CTAs via DOM manipulation, in addition to introducing mobile friendly responsiveness</li><li>Improved existing codebases by optimizing page load times using the Lighthouse chrome extension and maintained code accuracy through Jest testing</li></ul>	01/2021 – 05/2022	
PROJECTS	<b>Project MGMT</b> <ul style="list-style-type: none"><li>CMS application used to manage client/employee content using create, read, update and delete operations</li><li>Backend database created through NoSQL using Mongoose to generate object data models</li><li>Constructed query options using GraphQL, then tested each individual operation using Apollo Client</li><li>Included query logic to delete projects linked with employees in the case that employees are removed</li><li>Handled middleware operations using CORS allowing permission to load resources between browsers</li><li>Built frontend using React JS, included function based code with Bootstrap as the primary styling library</li></ul> <b>Anime Blog</b> <ul style="list-style-type: none"><li>Blog application for anime lovers, allowing users to share their thoughts and opinions on their favorite anime</li><li>Developed using MERN tech stack, incorporated security features like user login through Express Sessions &amp; Cookie Parser passing a super secret string into environment variables</li><li>Backend models include user, post, and category; to improve user experience category uses post as a reference object to group related content on a single page</li><li>Utilized Multer for additional user customization allowing picture paths for both user accounts and posts</li><li>Tested CRUD operations through Insomnia to ensure optimized load times</li><li>Deployed through Heroku allowing for complete server integration</li></ul> <b>Hook-Em-Up (Collaborative)</b> <ul style="list-style-type: none"><li>E-commerce application connecting users in the UT Austin area to sell used textbooks, clothing, tickets and/or memorabilia</li><li>Collaborative project built using MVC tech stack; utilized Handlebars JS to create intuitive UI</li><li>Built as a SPA only rendering templates upon user request; optimizing page load times by reducing burden on the DOM</li><li>Backend REST API created using Express and Node JS; worked with Sequelize for ORM and database management</li><li>Improved security by adding JWT for user login/authentication giving users a set time limit per active session</li><li>Used Dotenv to further enhance security protecting API keys and URLs in environment variables</li><li>Tested CRUD operations using Postman to assure routes are fully operational</li><li>Integrated server and deployed complete application in Netlify</li></ul>		
LEADERSHIP-VOLUNTEER (2018-2020)	<b>Mind of Success Tutoring</b> <i>Technical Staff Lead</i> <ul style="list-style-type: none"><li>As a member of the technical team I was tasked with introducing students to office technologies mainly utilized Microsoft Office applications</li><li>I coordinated with the program director to create specific lesson plans and academic goals tailored to each student</li><li>Provided homework assistance and tutoring for youth and developed progress trackers for students who attended regularly to generate a more individualized tutoring method</li></ul>		