

NAVEED AHMAD

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GitHub: <https://github.com/nahmad94>

Software Engineer

Software engineer with a background in project management and petroleum engineering. Strong analytical skills with a solid understanding of front-end technologies and frameworks such as HTML, CSS, and JavaScript. Proven ability to work well on a team and communicate effectively with technical and non-technical stakeholders. Committed to ongoing learning and professional development.

Skills

Technical Skills: HTML, CSS, JavaScript, Frameworks and Libraries, NodeJS, MongoDB, ReactJS, ExpressJS, APIs, Responsive Design, Cross-Browser Compatibility, UI/UX, Git and Version Control, Oriented Programming, JQuery, Django, CMG, SQL, PostgreSQL, Python, Postman, Microsoft Office, Excel VBA, MATLAB, De-Bugging, Data Analysis and Visualization

Foundational Skills: Problem Solving, Logical Thinking, Time Management, Excellent Communication, Team Player, Project Management, Adaptable, Customer-Focused

Experience

General Assembly | Atlanta, GA | Oct 2022 - Present

Software Engineering Apprentice

- Designed, created, deployed multiple front end and full stack applications/web pages.
- Learned and used HTML, CSS, and JavaScript to create unique and responsive front ends for web and mobile devices linked to APIs and backends.
- Created backend data models and servers utilizing proper models and controllers/routes for full CRUD functionality.
- Worked independently and collaboratively with up to 5 developers to plan, research, design, develop, test, and deploy apps.

Sam's Southern Eatery | Shreveport, LA | Dec 2019 - Present

Business Development Specialist

- Designed and created cloud-based bookkeeping software to track day-to-day operational expenses and revenue, and generate reports such as profit/loss statements and calculated costs.
- Assisted with beta-testing software to provide updates as needed and implement products across 75 locations by the end of Q3 2020.
- Updated and managed corporate website including migrating new locations.
- Coordinated with management to review contract terms with suppliers and track contract requirements while collaborating on-site with franchisees regarding any issues with business operations.
- Managed schedule of renovations, hired and trained new staff, and oversaw store opening logistics.

Basin Pump Down Service | Midland, TX | Nov 2018 - Dec 2019

Field Engineer-Completions

- Hired to assist in the startup of Fran division including establishing SOP for field operations, training all new engineers, and being the primary field engineer.
- Designed completions procedures for various operators to efficiently optimize well production; provided technical expertise during job execution.
- Prepared specifications and procured materials and equipment for a timely and efficient execution of project deliverables.

- Monitored and controlled project performance to ensure the project meets agreed quality, cost and time parameters in a safe and environmentally sound manner.

FTS International | Shreveport, LA | May 2017 - Aug 2018

Field Engineer-Frac

- Provided technical advice, assessments, evaluations, recommendations and counsel to customers concerning the design, development and operation of services, processes and procedures; recommended design changes where appropriate.
- Performed quality control and submitted assessments, evaluations, and recommendations for extensive analyses; coordinating on design, testing, and implementation of equipment and efficiency enhancement projects for next generation improvements.
- Managed multiple projects and up to 10 team members to ensure design was followed per customer specifications; provided support to crews.

Education & Certifications

Software Engineering, General Assembly

Bachelor of Science in Petroleum Engineering, Louisiana State University, Baton Rouge, LA

Software Engineer Projects

[S.O.S Technologies](#) - Home site for S.O.S Technologies, a tech company focused on helping solve everyday problems.

- One page web app built using ReactJS components that links to EmailJS to handle contact form submissions
- Utilizes hash link router to help users navigate the app
- Uses flex box and CSS to make the app visually appealing and responsive
- Deployed using Vercel

[TravelBase](#) - A Travel App that lets users explore cities from around the world! This app utilizes a full MERN stack that helps users plan their next trip with full CRUD functionality! Done in partnership with two other developers.

- ReactJS frontend linked to a MongoDB, NodeJS, and ExpressJS backend (MERN Stack)
- Utilizes data modeling and proper controller methods/routing on the backend to set up full CRUD functionality
- Frontend utilizes backend data model to properly display information to users and offer users full CRUD functionality in a UI/UX friendly way
- Custom pointer component for an improved user experience on mobile devices
- Deployed using Vercel and fly.io

[NewsApp](#) - An app for staying up to date with the news, this app uses ReactJS and the NewsCatcher API to bring users the top headlines from around the world! Deployed using Vercel.

- ReactJS frontend that uses a third-party API, NewsCatcher API
- Utilizes states and useEffects to efficiently fetch and pass on required parameters to be mapped out and displayed
- Deployed using Vercel

[FlashWars!](#) - A fun Star Wars themed memory game built using VanillaJS, HTML5, and CSS.

- Card matching game using Star Wars characters
- Utilizes DOM manipulation, event listeners, and conditionals as card matching logic to allow user to flip a max of 2 cards at a time and check equality.
- Tracks number of moves as well as number of correct answers
- Deployed using GitHub Pages