Zain Baig

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EDUCATION

University of Houston — Houston, TX
Bachelor of Science in Computer Science — *May 2024*

- Relevant Coursework: Software Design, Fundamentals of Software Engineering, Data Science I/II, Immersive Technology and Spatial Computing, Operating Systems, Database Systems, Introduction to Automata and Computability, Algorithms and Data Structures, Introduction to Computer Networks, Discrete Mathematics, Digital Image Processing, Statistics for the Sciences, Computer Organization I/II/III

TECHNICAL SKILLS

Languages: Java, Python, C, C++, SQL, JavaScript, HTML/CSS, RStudio
Frameworks: React.js, Node.js, MYSQL, Vue.js. Express.js, Azure, Spring Boot
Developer Tools: Git, Github, Jenkins, MYSQL Workbench, Visual Studio Code, PyCharm, Heroku, Netlify, Jupyter Notebook, AWS
Libraries: Pandas, NumPy, Matplotlib, SciPy, Scikit-learn, Seaborn

PROJECTS

Cougarville Gas | *HTML/CSS, React, EJS, Node.js, Express.js, MySQL, Jest, IstanbulJS, AWS* — April 2024

- Led a team to create a fuel delivery website with Node.js.
- Used React, React hooks, and react-router for the visible parts.
- Employed Express.js for the backend and integrated MySQL for database management.
- Ensured functionality with Jest and IstanbulJS testing.

Personal Portfolio | *HTML/CSS, VS Code, Netlify* — December 2023

- Created a personal portfolio with HTML and CSS to showcase my skills and projects.
- Used GitHub to keep track of changes, with clear explanations.
- Published the portfolio online with Netlify, making it easy to update and show to others.

Coog R Mart | *HTML/CSS, JavaScript, SQL, Azure, Node.js, Vue.js, Heroku, Netlify, VS Code* — November 2023

- Worked with a team of four to create a convenience store website using HTML, CSS, and JavaScript.
- Used SQL to manage the database, keeping track of inventory, sales, and customer info.
- Used GitHub to work together on the project and keep things organized.
- Published the project online using platforms like Azure, Heroku, and Netlify, making it easy to use and grow.

EXPERIENCE

New Business Processor — Jun 2021 – Dec 2023
ManhattanLife — *Houston,TX*

- Processed documents efficiently and maintained accurate records.
- Transcribed data to files and adjusted accounts accordingly.
- Verified data entry and confirmed premium verification on 30+ accounts.
- Collaborated with insurance agents to problem-solve account discrepancies.

Cashier — Jun 2020 – May 2021
Sams Club — *Houston,TX*

- Provided a quality experience for 200+ patrons by communicating product options and location.
- Entered data accurately into point-of-sale systems.
- Collaborated with the manager to provide suitable solutions for customer concerns.
- Coordinated with front-end staff to efficiently assist customers during high-volume times.
- Maintained stock areas during daily recovery protocol to comply with industry standards of cleanliness and organization.