

# Mohammad Baqer

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## SKILLS

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**Languages:** *Typescript, Javascript, Java, Kotlin, Python, SQL*

**Technologies:** *React, Node.js, Java Spring, Jest, REST, GraphQL, React Native, Redux, PostgreSQL, MongoDB, HTML, CSS*

**Tools and Platforms:** *Git, AWS, Apollo, Firebase, Gradle, Docker, GitHub Actions (CI/CD), Jenkins, Netlify, Vercel*

## EXPERIENCE

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**Ministry of Foreign Affairs - State of Kuwait, Senior Software Engineer**

August 2022 – Present

*Java, Spring, React, Typescript, Redux, Javascript, HTML, CSS*

- Implemented auditor-facing web interface to track embassies' pending expenditure requests with visual analysis for potential abnormalities, reducing requests' wait time by 20%.
- Built data pipelines to process 100+ embassies' financial reports with automated detection and notifications for abnormalities, saving 40 hours/month in audit hours.
- Migrated the project's main repo to use monorepo build tools using custom scripts, reducing compile and build time by 80%.

**Expedia Group, Software Engineering Intern (Graduate Student)**

June 2022 – August 2022

*React, Typescript, Javascript, Apollo GraphQL, Jest, Cypress, Kotlin, HTML, CSS*

- Saved 320 development hours/month by building a customizable rates dashboard component to replace current implementations across Expedia Group subsidiaries.
- Initiated and led an internal Figma plugin project to automate new components documentations and proposals, reducing documentation time by 25%.
- Wrote 50+ unit, integration and end-to-end automated tests achieving 90% test coverage for all components and packages.

**Zod Marketplace, Founding Software Engineer**

October 2020 – August 2021

*React Native, Typescript, Javascript, Redux, Node.js, REST, WebRTC, Firebase, Twilio, HTML, CSS*

- Worked in a remote team of 7 engineers and designers to build a cross-platform live-streaming-marketplace mobile app.
- Reduced stream latency by 71% and cost by 54% by restructuring live-streaming APIs to use microservices, saving \$220,000 per year.
- Implemented 27+ live-auction frontend features related to live-streaming, interactive item purchasing, and real-time comments.
- Developed 10+ backend API services to handle authentication, content creation and moderation, and NoSQL full-text search.

**Tbarak Aldar Real Estate, Full Stack Engineer**

June 2020 – October 2020

*React, Redux, Typescript, Javascript, AWS, Jenkins, Express.js, REST, MongoDB, HTML, CSS*

- Reduced loading time by 32% by migrating the user property management dashboard to use React, and MongoDB.
- Initiated a proprietary Arabic ads parser side project, later adopted as an official product, generating \$310,000 per year and decreasing time-on-task for property inputting by 73%.

## PROJECTS

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**VSCode Better Folding Extension (10k+ installs) | Typescript, Node.js | [github.com/mtbaqer/vscode-better-folding](https://github.com/mtbaqer/vscode-better-folding)**

- VSCode extension providing most requested code folding features, topping marketplace monthly trending list.

**Say Don't Say Online Game | Next.js, React, Typescript, styled-components, Firebase, GPT-3 | [github.com/mtbaqer/project-t](https://github.com/mtbaqer/project-t)**

- Multiplayer website game based on Taboo! card game. | Real-time interactions, game logic handling, and AI card generation.

## EDUCATION

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**Drexel University, M.S. in Software Engineering**

**Rose-Hulman Institute of Technology, B.S. in Computer Science and Software Engineering**