

Sara Baqla

Software Engineer

SUMMARY

Dynamic Full Stack Web Developer with a unique blend of expertise in ecology and education. Characterized by strong adaptability, exceptional organizational skills, and meticulous attention to detail. Adept at leveraging technology to build innovative solutions.

WORK EXPERIENCE

Software Developer at IBG Software, Remote

November 2022 — Present

- Spearheaded full-stack development in an Agile environment, specializing in React/React Native applications with TypeScript, Node.js, and Express.js, driving significant advancements in project efficiency and execution
- Expertly utilized Figma for design referencing, crafting pixel-perfect components that elevated the user interface's aesthetic and functionality
- Strategically integrated MongoDB and Firebase Firestore to ensure efficient and scalable data persistence, significantly enhancing backend application performance
- Revolutionized user sign-in and sign-up processes by implementing Firebase Authentication coupled with Redux Saga, markedly improving user experience and security
- Led the integration for Contentful CMS into React Web applications, enhancing content management capabilities and user engagements
- Engineered and executed robust, end-to-end testing protocols with Cypress, guaranteeing superior software quality and functionality
- Developed and maintained scalable RESTful APIs, seamlessly integrated into React web applications, boosting overall system interoperability and performance
- Meticulously documented backend processes and API usage on Confluence, facilitating clear knowledge transfer and team collaboration
- Regularly interfaced with stakeholders to gather project requirements, ensuring product alignment with business needs, and provided them with timely updates, enhancing stakeholder satisfaction
- Efficiently managed, and monitored project tasks using Jira, fostering collaboration and ensuring timely completion of project milestones
- Contributed as a Teaching Assistant at IBG Institute, providing academic support and mentorship to students

VOLUNTEERING

Crab City Server Rotation | Odessa, TX | lovethyselfiephotobooth.com

March 2023 - October 2023

Engineered a React web app used for efficient table rotation at a local restaurant. Integrated a Firebase Realtime Database into the application back-end to manage real-time data efficiently. Incorporated Tailwind for intuitive and appealing application styling.

Love Thy Selfie Photo Booth | Odessa, TX | crab-city.vercel.app/

November 2022 - May 2023

Developed an intuitive booking website for a local photo booth business as a React web application. Deployed Email.js for efficient form submissions and Tailwind for aesthetic styling. Collaborated effectively with a partner developer, adopting Agile methodologies for weekly sprint planning and ticket resolution.

CONTACT

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SKILLS

HTML

CSS

JavaScript

TypeScript

React

React Native

Express

Node

MongoDB

Firebase

RESTful APIs

Cypress

EDUCATION

UT El Paso

2014 - 2017

M.S. Biological Sciences

2009 - 2014

B.S. Ecology &

Evolutionary Biology