Sara Baqla

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SUMMARY

Dynamic Full Stack Web Developer bringing a unique blend of ecology and education background. Certified in Full Stack Web Development from the University of Texas at Austin Coding Bootcamp. Characterized by a strong adaptability, exceptional organization, and meticulous attention to detail. Adept at leveraging technology to build innovative solutions and improve efficiency.

SKILLS

Programming Languages: HTML5, CSS3, JavaScript, TypeScript
Web Development: React, React Native, RESTful APIs, Node.js, Express.js, Cypress.js, MongoDB, GraphQL, Git
Tools: Visual Studio Code, Command Line, Postman, MongoDB Compass, MySQL Workbench, Jira, GitHub
Content Management Systems: Adobe Experience Manager, Contentful CMS
UI Libraries/Design Tools: Materialize, Tailwind, Bootstrap, Material UI, Figma

TECHNICAL EXPERIENCE

IBG Software | *Junior Software Developer* | Remote   2022 - Present
- Played a pivotal role as a **Full Stack** Developer, focusing on **React** and **React Native** technologies, with a particular emphasis on back-end development within an **Agile** environment
- Acquired hands-on experience with non-relational databases: integrated **MongoDB** and **Firebase Firestore** for data persistence, resulting in efficient and scalable application backends
- Implemented **Firebase Authentication** to streamline user sign-in processes and enhanced data management with **Firebase Realtime Database**
- Integrated **Contentful CMS** into **React** Web applications using **REST APIs**
- Utilized **Figma** and **Visily** for the designing and development of **React** web applications
- Implemented **Material UI** as the primary styling framework, creating cohesive and responsive user interfaces
- Developed robust, end-to-end test protocols using **Cypress** to ensure software quality and functionality
- Wrote technical documentation on **Confluence**, enabling colleagues to implement new technologies
- Managed code versions and contributions through **GitLab**, **BitBucket** and **GitHub** repositories
- Ensured seamless communication flow with colleagues primarily using **Slack**
- Regularly interfaced with **stakeholders** to gather project requirements, ensuring product alignment with business needs, and provided them with timely updates, enhancing stakeholder satisfaction
- Managed, collaborated and monitored project project tasks using **Jira**
- Authored a bi-weekly tech blog for IBG Institute, promoting a culture of continuous learning
- Served as Teaching Assistant at IBG Institute, offering academic support to students
- Undertook the role of a Technical Recruiter, performing initial phone screenings of candidates

Odessa Bronco Band | *Developer* | www.odessaband.org/   2022
- Overhauled the high school band's website, leveraging the **Wix** platform
- Improved site functionality and user experience with mobile-first design

VOLUNTEER EXPERIENCE

Crab City Server Rotation | *Developer* | TBD   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 | *Developer* | lovethyselfiephotobooth.com/   2022 - 2023
- Crafted a 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

Chingu Voyage 41 | *Developer* | cosmic-gnome-4fc624.netlify.app/   2022
- Participated in the development of an accessible travel planning application, honing collaboration, time management, and advanced **React** skills
- Utilized **Agile** methodologies to enhance project management and execution efficiency

Technical Book Club | *Coordinator* | Stack Overbooked   2022
- Facilitated weekly discussions, elucidating chapter summaries from 'The Pragmatic Programmer'

ADDITIONAL EXPERIENCE

Ector County Independent School District, Odessa, TX
Robotics Teacher - Crockett Middle School   2021 - 2022
Elementary Music Specialist - Sam Houston Elementary   2019 - 2021

Ysleta Independent School District, El Paso, TX   2018 - 2019
Substitute Teacher

Americorp Services, CA, NM   2017 - 2018
California Conservation Corps - *Trail Worker*
Southwest Conservation Corps - *Stream Habitat Assessment Technician*

The University of Texas at El Paso, El Paso, TX   2014 -2017
Graduate Field Researcher

EDUCATION

The University of Texas at Austin, Austin, TX   2022
Web Development Certificate

The University of Texas at El Paso, El Paso, TX
Master of Science in Biological Sciences   2017
Bachelor of Science in Ecology & Evolutionary Biology   2014

REFERENCES

References available upon request.