

# 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](https://www.ibginstitute.org/), 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/](https://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/](https://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/](https://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

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**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

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**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

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References available upon request.