

# Sara Baqla

Odessa, TX | 915-867-2020 | [missatrox44@gmail.com](mailto:missatrox44@gmail.com)

[linkedin.com/in/sara-baqla](https://www.linkedin.com/in/sara-baqla) | [github.com/missatrox44](https://github.com/missatrox44) | [sarabaqla.dev](https://sarabaqla.dev)

## SUMMARY

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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

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**Programming Languages:** HTML5, CSS3, JavaScript

**Web Development:** React, React Native, RESTful APIs, Node.js, Express, Cypress.js, MongoDB, GraphQL

**Tools:** Visual Studio Code, Command Line, Postman, MongoDB Compass, MySQL Workbench, Figma, Adobe Experience Manager, Jira, GitLab, BitBucket

**Methodologies:** Agile Development, Git Workflow

**UI Libraries:** Materialize, Tailwind, Bootstrap, Material UI

## TECHNICAL EXPERIENCE

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**IBG Software** | *Junior Software Developer*

2022 - Present

- Currently occupying a comprehensive role as a **Full Stack** Developer with a focus on, **React** and **React Native** technologies, primarily contributing to back-end development
- Developing robust, end-to-end test protocols using **Cypress** to ensure software quality and functionality
- Authoring technical documentation, facilitating the implementation of novel technologies by colleagues
- Producing a weekly tech blog for [IBG Institute](https://www.ibginstitute.org/), fostering continuous learning
- Fulfilling the role of a Teaching Assistant at IBG Institute, offering academic support to students
- Leveraging **Figma** for the design and development of **React** web applications
- Undertaking the role of a Technical Recruiter, enhancing the team's capabilities

**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

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**Crab City Server Rotation** | *Developer* | TBD

2023

- Engineered a **React** web app used for efficient table rotation at a local restaurant
- Integrated a **Firestore 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.