

# Isaac Diabagate

## Student-Athlete, Full Stack developer, STEM Bachelor's Degree

[iadiabagate95@gmail.com](mailto:iadiabagate95@gmail.com)

Portfolio : [Isaac-diabagate.tech](http://Isaac-diabagate.tech)

Git Hub: <https://github.com/iadiabagate1s>

LinkedIn : [www.linkedin.com/in/isaac-diabagate-5b1897173](https://www.linkedin.com/in/isaac-diabagate-5b1897173)

Hi,

My name is Isaac. I am a Full stack Developer with a bachelor's degree in Molecular Biology with emphasis in Biotechnology & Computer Science. In my professional career thus far I've had the opportunity to work in the biotechnology industry doing a variety of work, most recently working on a project to validate new Covid-19 testing methods which earned recognition on a national level.

Having worked closely with highly skilled Software engineers and Data scientists I felt my computer science background wasn't strong enough and so I decided to go back to school while working full time to learn the necessary skills to fill in the gaps needed so I could be a confident full stack developer. My passion for problem solving and learning has pushed me to pursue knowledge in web development, artificial intelligence, and data science.

Working in such diverse environments, I've been able to leverage my ingenuity and problem solving skills to elevate my work. On several occasions I've successfully altered and implemented new techniques and methods to improve efficiency and productivity within my previous workspaces. I often seek to gain a deeper understanding of the processes behind my tasks and then attempt to refine them. This I would say is one of the top reasons I decided to become a full stack developer.

Being able to combine my knowledge and various experiences whether it be in STEM, as a collegiate athlete, or even in social media marketing and branding, make me versatile for any work environment. I bring adaptability, a desire to learn, and a rigorous work ethic everywhere I go.

Currently in my job search I'm looking for an opportunity to make an impact. I would love to be in a stimulating environment that allows me to challenge myself, while being encouraged to provide innovative solutions to problems and tasks. I want to make an impact, I want to learn, and I want to implement new technologies on top of my current skills to help my future employer deliver high quality products and services.

Thank you for your time,

*I am eager for a follow up conversation and the opportunity to learn more about how my skills and values can translate into your workplace.*

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## Skills

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● JavaScript ● React.js ● Vue.js ● jQuery ● Bootstrap ● HTML ● CSS ● Node.JS ● Python ● Express ● Flask ● SQL, ● PostgreSQL ● Google Cloud ● API ● Version control ● Agile ● Testing ● Debugging ● Teamwork ● Software development ● Full Stack ● Project Management ● Data science ● Data analytics

## Education

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- Bachelors Molecular Biology with emphasis in Biotechnology & Computer Science
  - Southeast Missouri state university August 2015 - May 2019
- Full Stack Software Engineering
  - SpringBoard-2020
- Python Introduction to Artificial Intelligence
  - HarvardX CS50 & CS50AI - 2020

**Projects : Portfolio:** [Isaac-diabagate.tech](https://isaac-diabagate.tech)

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- **Workout Platform-**

**Technologies:** React, Google Cloud, JavaScript, Google sign in and sign out, Google firestore, Google firebase, HTML/CSS, No SQL

A Demo workout platform built with React that allows users to select workout plans, and track their workout progression daily. The app features easy sign in with google sign in and gives the user the ability to sign out, leave the page, and upon returning they will be exactly where they left off in their workout.

.Link: <https://amplifyworkoutdemoapp.web.app/> github : <https://github.com/iadiabagate1s/WorkoutApp>

- **Traveling api-**

**Technologies:** React, Node , PostgreSQL, JavaScript, Bootstrap, Google API, Yelp API, TicketMaster API, Skyscanner flights API, Express.js  
A React app that uses the yelp API and google maps users are able to get events based on category and location. They can select an event and get direction to the event from a location of choice, they can also get nearby hotels and popular attractions.

Link: <https://amplifytravel.vercel.app/> github(client) : <https://github.com/iadiabagate1s/AmplifyTravel2> github(server): <https://github.com/iadiabagate1s/TravelAppApi>

- **Laboratory Project manager-**

**Python, PostgreSQL, JavaScript, Bcrypt Authorization & Authentication**

A Laboratory/Project Managing app. An admin user can create projects with several pieces of information and then delegate tasks that need to be done to team members. All the tasks, projects, and users are saved to the database. Non-admin users can see all tasks assigned to them as well as the project details. they have the ability to interact with tasks and mark them complete.

Link : <https://lab-manager-webapp.herokuapp.com/> github: <https://github.com/iadiabagate1s/LabappManager>

- **News app-**

**Technologies :Python, PostgreSQL, JavaScript, news API, openweather API, MapQuest API, Bcrypt Authorization & Authentication**

Users can search news events using their location or a specific country. If signed in they have the ability to save articles to be read later and save keywords to have articles pre-loaded matching those keywords.

Link : <https://amp-news-app.herokuapp.com/> github: <https://github.com/iadiabagate1s/newsapp>

- **Amazon Reviews w/ Data Science and Data analytics-**

**Technologies : Vue.js, google cloud, google firebase real time database, python, pandas, jupyter notebook**

App that allows users to submit reviews for an amazon product. The latest reviews are displayed at the bottom and updated with FireBase realtime Database. Also has data analytics done with python pandas to analyze a set of data with precious amazon reviews

Link: <https://dosemedia-reviews.web.app/> github: [https://github.com/iadiabagate1s/amazon\\_reviews\\_vue](https://github.com/iadiabagate1s/amazon_reviews_vue)

Data analysis w/ Jupyter Notebook : <https://www.kaggle.com/isaacdiabagate/dose-assignment-part2-isaac-diabagate>

## Experience

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### -Full Stack Software Engineer Student

#### Springboard

- Worked extensively on a number of projects involving many different areas of skills and programming languages as a student.
- Deployed applications and web platforms that can be used to manage, and analyze datasets.
- Designed solutions and implement quality, clean, and efficient code independently
- Designed and implemented responsive UIs as well as implemented unit and Integration testing for front end and back end applications
- Develop custom applications and integrations.
- Implemented security and data protection from the server and client side
- Maintain, troubleshoot, and debug existing applications.
- Database Management and data analysis
- Designed and built backend API micro services, supporting client-side applications

### - Laboratory Associate

#### Cosmos ID

Jan 2020 to July 2020

### -Associate Scientist

#### Leinco Technologies

May 2019 to December 2019

### -Social Media Consultant

#### Remote Appen/ Self-employed

May 2016 to December 2018

## Achievements

- Selected for The National Society for Leadership and Success
- While in school Started a successful Personal Training Business for collegiate athletes nationwide via Instagram (@Daly\_Grind) Today the page has almost 3000 followers,
- Started Amplifye Brand to help promote the work of underrepresented content creators and entrepreneurs

## References

- Lloyd Achirem  
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