

Isaac Diabagate

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

iadiabagate95@gmail.com

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

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

LinkedIn : www.linkedin.com/in/isaac-diabagate-5b1897173

Hi,

My name is Isaac, I am a Full stack Engineer 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 Biotechnology and with Artificial Intelligence working on cutting edge solutions to unique problems.

Having worked closely with highly skilled Software engineers and Data scientists I've been able to gain relevant knowledge in many categories. My passion for problem solving and learning has pushed me to learn and contribute beyond my scope of work. I aspire to be versatile, and I pride myself in my ability to work in all phases of a project from the initial design and management, to development and cloud deployment.

Working in such diverse environments, I've been able to leverage my ingenuity and problem solving skills to elevate my work. Having worked on projects to validate new covid-19 testing methods, and others that utilize big data. I've had the rare opportunity to create work with immediate real world implications.

Being able to combine my knowledge and various experiences whether it be in STEM, as a collegiate athlete, or working for Start-ups, I can work in any 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 next 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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Email : idiabagate95@gmail.com Portfolio : [Isaac-diabagate.tech](https://isaac-diabagate.tech)

English & French

Skills

• JavaScript • React.js • Vue.js • Node.JS • Python • Express • Flask • FastAPI • Azure • Graph Database • Neo4J • SQL • PostgreSQL • Google Cloud • API • Version control • Agile • Testing • Debugging • Teamwork • Full Stack • Project Management • Data science • Data analytics • Machine Learning • Pandas • scikit-learn

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
 - Analyzing Data with Python & Machine Learning with Python (in progress)
 - IBM - DA0101EN & IBM - ML0101EN
 - Machine Learning (in progress)
 - Stanford
 - Azure Cloud certification(in progress)
 - Development
 - Data engineer

Experience

-Full Stack Engineer - Full Time

Red Berry Innovations -AI Research and Development

- Working for a government contractor and a Artificial Intelligence Research and development company I've had the pleasure of working on some unique, innovative projects.
- Worked on Database design and implementations, SQL, NOSQL, GraphDB
- Worked on software architecture implementing MVC designs and microservices from scratch
- Working to build supporting tools for the Data science Team and the cybersecurity team I was able to come up with unique solutions handling big data and implementing machine learning
- I've been able to build fast, reliable, and scalable applications for massive amounts of data
- Working for a research and development firm, I got to look into various technologies to decipher which would be the best for certain projects. Often having to combine and learn various technologies to solve these unique problems.
- Versatile work. Able to learn and implement new technologies on a per project basis as well as use one stack

-Full Stack Software Engineer

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

Projects : Portfolio:

Isaac-diabagate.tech

- **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://amplifyetravel.vercel.app/> github(client) : <https://github.com/iadiabagate1s/AmplifyeTravel2> 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

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

- **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.

.github : <https://github.com/iadiabagate1s/WorkoutApp>

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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