

# JORGE NGIMBI

(832) 377-5473 ▪ jorgenathan257@gmail.com ▪ linkedin.com/in/jorgengimbi ▪ spartan-portfolio.herokuapp.com

## SKILLS

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**Languages:** C++, Python, JavaScript, HTML, CSS, SQL

**Technologies:** ReactJS, NodeJS, Django, Flask, MongoDB, MySQL, Postgres, Jenkins, AWS, Azure DevOps, Firebase

**Tools:** Docker, Git, Shell, Linux/Unix, Pytest

## EXPERIENCE

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### **Pure Match** | Full-Stack Developer Intern

*Jan 2022 – May 2022*

- Performed a company-wide overhaul, which introduced new environments for development, testing, staging, and production.
- Built the company's first CI/CD pipeline on AWS to automate testing and deployment, significantly reducing the risk of bad releases and saving ~10 hours per week of work.
- Performed large-scale codebase refactors and optimizations, leading to a 70% improvement to app performance.
- Created new app functionality and backend microservices to support user-specified matching preferences.
- Developed fixes for 15 outstanding bugs, improving app reliability.

### **MyBestPlan Electric Company** | backend developer (Contract)

*Jul 2021 – Jan 2022*

A fully featured customer portal for viewing electricity usage and managing billing information.

- Developed a Django API to serve the client-side application and handle HTTP requests.
- Worked with Development and Test teams to create automated CI/CD Pipelines using Git Actions and Jenkins.
- Deployed production ready product on AWS cloud running on Docker containers.

### **Eve's Garden Fine Food and Catering** | web developer (Contract)

*Jan 2021 – Jun 2021*

Informational website for a local catering business.

- Designed and built responsive webpages using ReactJS for conveying business branding and chef information.
- Practiced Agile development with the help of Azure DevOps to enable visible progress and adapt to feedback.
- Deployed the completed website on Heroku cloud platform.

### **University of Houston** | Computer Science Mentor (Volunteer)

*Jun 2020 – Dec 2020*

- Reinforced student understanding of core C++ programming concepts through hosted discussion sessions.
- Provided instruction to over 20 junior and sophomore college students, leading to an average test score increase of 10%.

## EDUCATION

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### **University of Houston** | Bachelor of Science in Computer Science

*Jan 2020 – May 2022*

GPA: 3.0

Coursework: Object Oriented Programming in C++, Software Design, Data Science, Algorithms, Operating Systems, Data Structures, Design of File and Databases Systems, Computer Architecture.

## PROJECTS

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### **Homiefy**

Web application for college students to find roommates, rate/review their roommates, sell/rent school related items.

- Led a team of 3 developers by prioritizing features, assigning tasks, and resolving team issues.
- Worked across the development lifecycle to build and maintain code, eliminating 20+ bugs and integration issues.
- Built and tested all features with unit and integration tests, enhancing the overall performance, reliability, and efficiency of the website.
- **Technologies leveraged:** ExpressJS, MongoDB, HTML5, CSS, Javascript, Docker, Heroku, Travis CI