



# Frankie G Riviera



[FrankieRiviera.com](http://FrankieRiviera.com)



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## DREAM

I have an intense passion for development. I desire to use my skills as a software engineer to accelerate our world into the next technological revolution. I will deploy positive solutions and innovations spanning a variety of global industries.

## EDUCATION

**Michigan State University**  
B.S. Computer Engineering 2017

**Kingston University London,**  
England Study Abroad 2015

## CERTIFICATIONS

**Microsoft Certified: Azure  
Developer Associate**



**Certified Kubernetes  
Application Developer**



**HashiCorp Certified  
Terraform Associate**



## EXPERIENCE

### May 2019 - present | Intrado - Software Engineer

- Back-end Software Engineer: Made architectural design decisions. Took lead on specific features. Developed customer-centric product features using Python/Django stack to build a Referral Marketing SaaS Solution.
- Worked in a fast-paced environment with an agile development team. Pushed to production daily.
- Migrated/Updated multiple third-party API integrations (ex: SendGrid, Full Contact, Payment Rails).
- Docker Team Lead: Lead software engineer for Docker, containerization, and container orchestration.
- Periodically on 24hr call for Incidence Response Team. Reduced unplanned negative impact on production.
- Continuously learning and improving technical skills to optimize our products, team, and development processes.

### Apr 2018 – Apr 2019 | Independent Software Engineer

- Built many applications from start to finish. Utilized PluralSight, Edx, Udemy, and LinkedIn Learning.
- Experienced with front-end and back-end architectures with a concentration on back-end technologies.

## PORTFOLIO PROJECTS

[FGR Kubernetes Demo](#) Full-Stack app. Demonstrates Kubernetes/Containerization in microservice architecture

[FGR Dynamic Auth Service](#) Dockerized configurable authentication and authorization microservice

[Billiard Replay](#) Raspberry Pi app to record/encode/transform/share instant replays of billiard shots

[Custom Vision License Plate Detector](#) Custom trained computer vision machine learning model in action

## TECHNICAL SKILLS

### Languages

JavaScript	●	●	●	●	●
Python	●	●	●	●	●
C#	●	●	●	○	○
TypeScript	●	●	●	○	○
Go	●	●	●	○	○

### Frameworks

Node	●	●	●	●	●
React	●	●	●	●	○
Django	●	●	●	●	○
Django REST	●	●	●	●	●
Flask	●	●	○	○	○
ASP.NET Core	●	●	●	○	○

### Operating Systems

Windows	●	●	●	●	○
Mac	●	●	●	●	○
Linux	●	●	●	●	○

### DevOps

Docker	●	●	●	●	●
Kubernetes	●	●	●	●	●
Terraform	●	●	●	●	○
Bash	●	●	●	●	○
Powershell	●	●	●	○	○
Circle CI	●	●	●	●	○

### Databases

Postgres	●	●	●	●	○
Mongo	●	●	●	●	○
SQL Server	●	●	○	○	○

### Cloud

Azure	●	●	●	●	●
Heroku	●	●	●	●	●
AWS	●	●	○	○	○

### Artificial Intelligence

Machine Learning	●	●	●	○	○
Computer Vision	●	●	●	●	○

## Business Skills

- Communication
- Organization
- Follow-Up
- Task Prioritization
- Ideation
- Time Management

## Interesting Facts

- Daily Tracking  
Use Microsoft To Do and Microsoft OneNote daily to track my day, week, month and year.
- Strength Finder  
1) Futuristic, 2) Learner, 3) Developer
- Life Passions  
Jesus, Family, Technology, Business, Learning.
- Can solve a Rubik's cube in under 3 minutes

## Leadership

- Coach/Leader  
MSU Parkour Athletic Club.
- Youth Group Leader  
Weekly mentor for High School boys with diverse backgrounds in Lansing, MI.
- Team Captain, MVP, Scholar Athlete  
Four-Year Varsity Swimmer  
Rochester Adams High School.

## Travel Experience

- Increased Cultural Awareness through International Travel  
Canada, England, France, Ireland, India, Israel, Italy, Malta, Morocco, Netherlands, Scotland, Spain, and Switzerland.