



# Frankie G Riviera



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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

**Billiard Replay** Raspberry Pi app to record/encode/transform/share instant replays of billiard shots

**FGR Dynamic Auth Service** Dockerized configurable authentication and authorization microservice

**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.