



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

Certified Kubernetes
Application Developer



HashiCorp Certified
Terraform Associate



EXPERIENCE

May 2019 - present | Intrado - Software Engineer

- Backend 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 backend 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

[Computer Vision API Example](#) Full-Stack app that uses Microsoft Azure Cognitive Services

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 | ● | ● | ○ | ○ | ○ |

Business Skills

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

Interesting Facts

- Daily Tracking
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
England, Ireland, Scotland, Netherlands, Spain, Switzerland, France, Italy, Malta, Morocco, Israel, India, and Canada