FGR

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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.
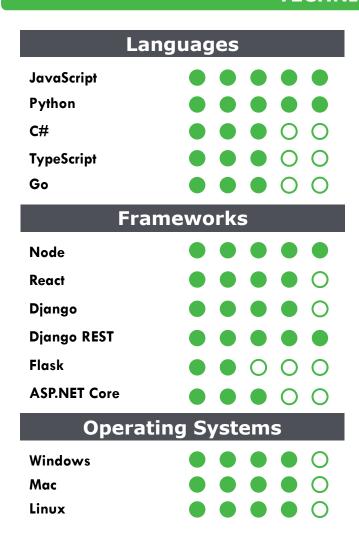
PORTFOLIO PROJECTS

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

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

Frameworks

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

Operating Systems

Skill	Level
Windows	● ● ● ● ○
Mac	● ● ● ● ○
Linux	● ● ● ● ○

DevOps

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

Databases

Skill	Level
Postgres	● ● ● ● ○
Mongo	● ● ● ● ○
SQL Server	● ● ○ ○ ○

Cloud

Skill	Level
Azure	● ● ● ● ●
Heroku	● ● ● ● ●
AWS	● ● ○ ○ ○

Artificial Intelligence

Skill	Level
Machine Learning	● ● ● ○ ○
Computer Vision	● ● ● ● ○

Business Skills

- Communication
- Follow-Up
- Ideation
- Organization
- Task Prioritization
- 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.