

MICHAEL FARIAS

Software Engineer

PROFESSIONAL SUMMARY

Proactive team player with a passion for problem solving. Seeking to leverage 3 years of success across design, development, and delivery to bring value to my stakeholders.

CONTACT

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New York, NY / Remote, US

EDUCATION

Cornell University '18

B.A. Economics with
conc. in Comp. Sci

PERSONAL LINKS

[Portfolio Website](#)

[GitHub](#)

[LinkedIn](#)

TECHNOLOGY

Java

Spring

Python

Kafka

gRPC

Reactive Paradigm

Docker

Terraform

GitLab CI/CD

Kubernetes

AWS Cloud

SQL/NoSQL

React/React Native

TypeScript

EXPERIENCE

Backend Software Engineer | Caesars Sportsbook 04/22 - Present

- **Created and presented** proof-of-concept for integration with dedicated Data Science team. This involved refactoring of interfaces and implementations in low-latency, multi-threaded applications to enable Machine Learning model serving via ONNX Runtime.
- **Designed, developed, and deployed** new service to persist trader price inputs in DynamoDB, allowing for more accurate pricing, generating a 2x increase in KPI of customer cash-outs.
- **Refactored** 100,000-line monolith to 40,000 while improving unit test coverage from 40% to 80% alongside Senior Engineer.
- **Migrated** 20 services after acquisition involving library version updates and introduction of build pipeline caching, reducing CI/CD times from ~25 minutes to ~4.
- **Conducted** 30+ interviews for Engineering, PM, QA, and UI/UX roles.

Software Developer | Insurity 08/21 - 04/22

- **Updated web UIs** using JavaScript and HTML to support new insurance SaaS products.
- **Implemented** policy pricing services using VB.NET and MS SQL.
- **Refined user stories** with Tech Lead and held regular pair-programming sessions with offshore dev team.

Senior Financial Analyst @ Ipsos 06/19 - 08/21

- **Reduced costs** by \$250k over 2 years via strategic monthly accounting.
- **Led monthly meetings** with 15+ PMs for root cause analysis of losses.

PROJECTS

Sorting Algorithm Visualizer API & UIs [See Project](#) [See Code](#)

- **Built HTTP web API** to implement algorithms and serve animation frames.
- **Designed and built web and mobile UIs** to request API and visualize data.