

MALIK HADJRI

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github.com/hadjri

EXPERIENCE

Goldman Sachs - Software Engineer

Jul 2019 - present

- Created a highly performant event-driven microservice payments processing platform to support all of GS Marcus's public facing checking account transactions, drastically improving their capacity for high transaction throughput, fault tolerance, and enabled linear horizontal cluster scalability
- Shipped multiple major version releases to the firm's workflow and decision automation application, handling tens of millions of workflows per day
- Responsible for entire SDLC of fullstack deliveries: frontend/backend development, deployment pipelines, infrastructure provisioning, database management, client testing and stakeholder feedback

Goldman Sachs - Software Engineer Intern

Jun 2018 - Aug 2018

- Introduced support for a lightweight in-house Java decision execution engine into the firm's decision automation testing tool, allowing end-to-end tests to complete 95% faster than the previous engine
- Embedded feature within the decision testing tool allowing clients to validate their decision flow models for errors and warnings before deploying to higher environments

Tallyfy - Software Engineer Intern

Jun 2017 - Aug 2017

- Leveraged Linux cron jobs to auto-generate customized HTML pages tailored to templated data provided by Tallyfy clients
- Implemented endpoints within Tallyfy's internal REST API to manage the state of client profiles

Washington University School of Law - Web Developer

Dec 2016 - Jan 2018

- Maintained functionality of the law school's multiple websites under guidance of product managers
- Implemented new features to improve user navigation and readability, such as reactive menus, a re-organized faculty directory, and weekly interactive e-newsletters

EDUCATION

Washington University in St. Louis

Graduated May 2019

B.S. in Computer Science

B.A. in Mathematics (Probability and Statistics)

PROJECTS

Classi.live (Live-streaming fitness class application)

Mar 2020 - Nov 2020

- Platform for users and creators to engage in group video fitness class livestreams using WebRTC
- Achieves core social network features through React Native UI supported by a GraphQL API backend
- Enables followers/following scalability by taking advantage of the strengths of AWS Neptune graph database implementation
- Leverages AWS Lambda and API Gateway alongside Serverless framework for deployments

SKILLS

Languages:

Java, JavaScript, Bash, Typescript, SQL

Tools & Frameworks:

Spring, Angular, React, Node.js, MongoDB, GraphQL, Elasticsearch
Kafka, AWS, GitLab, TerraForm, Jenkins, Serverless