

MARVIN LINCOLN KASSABIAN

EDUCATION

Michigan Technological University • B.S. in Computer Science
Study Abroad, University of Ghana

2015
Fall 2015

SKILLS

- Professional experience in Java, C++, C#, .NET, JavaScript, Python, and SQL.

PROFESSIONAL EXPERIENCE

Rutherford & Associates

February 2016 – Present

Software Developer

- Interfaced with the Zambia Revenue Authority to allow local businesses to upload tax information.
- Utilized Firebase for testing development of Zambian API integration.
- Oversaw and helped design the backend interface for Zambian integration in legacy system.
- Migrated older web service to ASP.Net Core, with Domain-driven design principles.
- Spun up an ASP.Net Core web API to allow data efficient transfer of inventory data to external parties.
- Developed Ruby code to help customer consume data from web API.
- Helped manage multiple projects at same time that required frequent open communications with customers.
- Supported our web frontend in Angular.
- Worked on a Flutter proof of concept for a possible future rendition of our mobile application.
- Investigated and created a proof of concept dot matrix image recognition system in Python.
- Researched and implemented various forecasting methods to allow for offline time series analysis.
- Collaborated with customers to make an order suggester for end users.
- Designed and implemented a voice assistant for mobile platform to allow hands free usage.
- Created a recommender model creation service to create and propagate updated models to customer devices.
- Implemented a memory based and a model based collaborative filtering recommender model for mobile.
- Worked on an ecosystem spanning a variety of platforms and technologies.
- Supported a vast legacy code base, refactoring in controlled and testable updates.

Data Migration Specialist

February 2016 – August 2016

- Extracted, transformed, and loaded databases from newly acquired clients into company system via SQL.
- Augmented legacy C++ application with a SQL export feature to allow for cleaner extractions of client data.
- Communicate project status with company team leads, consultants, and client data migration team.

Jackson National Life Insurance • Software Developer

Spring 2013 – Summer 2015

Microsoft Database Migration • Project Lead

Spring 2015 – Summer 2015

- Lead a team of three to migrate databases.
- Communicated with end users to understand and fix bugs in multiple Access GUIs and databases.
- Deployed database migrations and fixes to production.

Employee Scheduling Application

Fall 2014 – Summer 2015

- Worked in a team of five to develop an application to aggregate employee hours to create schedules.
- Migrated prior scheduling database from Access to SQL.
- Designed and maintained schema, views, and procedures throughout project changes.
- Integrated migrated database with newly created database.

Recruitment Application

Spring 2014 – Summer 2014

- Worked in a large team to develop an application to streamline the recruitment and hiring process.
- Facilitated RESTful communication between Java server and clients.
- Responded to various user requests throughout development and changed application accordingly.
- Maintained database schema throughout project changes.

Dynamic Dashboard Application

Summer 2013 – Fall 2013

- Worked in a team of four to develop a customizable dashboard for internal company use.
- Created the user interface with Java and HTML.
- Designed the database schema for gadget information persistence.
- Wrote stored procedures in SQL to access, modify, and delete user data.

Programmer Performance Evaluation Application

Spring 2013

- Worked in a team of four to develop an application to report programmer performance to managers.
- Created the user interface with HTML, JavaScript, and Java.
- Helped create database schema to store employee attributes.
- Wrote stored procedures to calculate various scores and metrics.

PERSONAL

Roguelike • Developed in Rust for personal growth

January 2020 - March 2021

Appalachian Trail Section Hike • Hiked 1,600 miles spanning from ME to GA

August 2019 - December 2019