

Contact Information

Phone: 312.358.8120

Email: Michaelamay1@yahoo.com

Address: 89 Kingston Ave Apt 3L, Brooklyn, New York, 11213

Technical Toolbox

Programming Languages:

Java

Python

C#

PHP

JavaScript

SQL

XML

VB

Test Automation Tools:

Postman

Selenium

CI/CD & Version Control:

Azure DevOps

AWS

Jenkins

Git

Docker

Kubernetes

API Development Tools:

Postman

Swagger

Testing Framework:

Junit

Frameworks & Libraries:

Spring Boot

Angular

Databases:

SQL Server

MSSQL

Oracle

Mongo DB

Elastic search

MySQL

H2

Other:

DataDog

Microservices

Tomcat

JSON

API

HTML/CSS

Multi-threading

SCRUM/Agile

Hypervisor/VM

In-office

Team player

Travel

Michael Amay

Summary- Award winning, 11+ IT certifications, and full-stack software engineer with 5+ years of professional experience with major corporations across 3 different industries including: health insurance, finance, & logistics.

Experience

Software Engineer Support, Echo Global Logistics

July 2024 – September 2025

Hybrid - Chicago, IL

Used Java and Eclipse Idle to implement a new shipment tracking system, translating mathematical models into code to optimize transportation routes, and doing code maintenance/ enhancements to a real-time inventory tracking system; resulting in delivery delays reduction across Echo’s distribution network, decrease in fuel cost, and reduction in stockouts/ improvement in order fulfillments accuracy, respectively.

Used SQL Server queries and joins to retrieve logistical data and identified inefficiencies in the supply chain, leading to JIRA user stories and ultimately implementation of process improvements that reduced overall transportation cost for carriers.

Worked in Postman for testing Web Services and automating dozens of API test cases and as a result improving API reliability and identifying and fixing bugs prior to release.

Collaborated with cross-functional teams along with Business Analyst, Product Owners, QA, and Scrum masters to debug, troubleshoot, & launch backlog projects into production.

Software Engineer, Fidelity Information Services

March 2022 – March 2024

Remote

Wrote Java 21 code in Eclipse to designed automated trade procedures, EFT spread trades, and price trends tracking in Capital, Stock, Financial Markets, hence allowing recommended portfolio strategies & investments to financial institutions.

Added UI interfaces using Angular, jQuery, and JavaScript to develop a transaction monitoring system which were used by global financial banks like JPMorgan, CITI, and Northern Trust; worked on enhancing the backend with Java resulting in 25% reduction of processing errors.

Redefined the HTML5 and CSS3 code to optimize Fidelity’s InvestOne enterprise site performance, achieving better load times and a reduction in bounce rates.

Used Oracle SQL queries to generate financial reporting’s from large datasets, and to understand financial KPI’s from companies’ expense and net revenue; created procedures for key reports needed by management to track portfolio performance and evaluate growth and profitability.

Completed Test Driven Development using functional automation test on developed Junit modules.

Robotics Automation Developer, BlueCross BlueShield of IL, MT, NM, OK & TX

July 2019 – March 2022

Hybrid - Chicago, IL

Contributed maintenance support with C# in Visual Studios to BCBS web app section that quoted health care benefits to millions of customers specifically designed for the open enrollment season from November – January.

Wrote code in UiPath, a robotic process automation tool, and Visual Basics to develop internal automation processes for different departments across the company; configured those automated cloud base deployments using Azure Dev Ops.

Created procedures and queries in SQL Server for the purpose of researching patients’ medical profiles, benefits, claims, and information than delivered reporting’s to the claims, fraud, or billing department respectively.

Implemented common cloud-based solutions such as Functions, App Services and Logic Apps in Azure on ongoing bases.

Independent Project (employeesystem.cloud)

Employee System

Build a RESTful API employee registration webservice application using Spring. Used HTTP methods: POST, DELETE, UPDATE, and GET to interact with a h2 database.

Implemented UI on Visual Studios using front-end tools like Model View Controller, HTML, XML, CSS, JavaScript, JSP, and for the back end- Java 20.

Certifications (https://michaelamay.github.io/projects/certifications)

Fundamental Cloud Concepts for AWS

Agile Project Management with Jira

Learning REST APIs

Docker and Kubernetes

API Testing Foundations

Learning Jenkins

Angular

Website Design HTML & CSS

Agile Foundations

Awards (https://github.com/AWoLnik/Skeleton)

Best Use of Machine Learning Category, Yale Annual Hackathon

Yale University – New Haven, CT

Part of 4-member team that build an app in 36 hours using Java, YOLO, and Googles Tesseract OCR to identity UI elements on screen, pull texts from screen frames and transmit via JSON to be reconstructed into a simplistic GUI on remote agents’ desktop.

Education

DePaul University, Bachelor of Science in Computer Science Minor Information Technology

Chicago, IL