

Contact Information

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Technical Toolbox

Programming Languages:

| | |
|------------|-------|
| Java | ●●●● |
| Python | ●●●●● |
| C# | ●●●●● |
| PHP | ●●●●● |
| JavaScript | ●●●●● |
| SQL | ●●●●● |
| XML | ●●●●● |
| VB | ●●●●● |

Test Automation Tools:

| | |
|----------|-------|
| Postman | ●●●●● |
| Selenium | ●●●●● |

CI/CD & Version Control:

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|--------------|-------|
| 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

 Michaelamay.github.io/projects  LinkedIn.com/in/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
- Docker and Kubernetes
- Angular
- Agile Project Management with Jira
- API Testing Foundations
- Website Design HTML & CSS
- Learning REST APIs
- Learning Jenkins
- 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 identify 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