

Michael Min

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Skills & Certifications

- Python | C# | ASP.NET Core 7 | JavaScript | React | Next.js | Node | Angular | Vue | MSSQL | MySQL | AzureDevOp | CI/CD | REST API
- Full-Stack Web Dev | UI/UX | Machine Learning | Generative AI | SageMaker | VPC | EC2 | S3 | IAM | Lambda | BOTO3 | VsCode | Linux | Git
- AWS Certified Machine Learning - Specialty (2024) | AWS Certified Security - Specialty (2024) | AWS Solution Architect Associate (2024)
- CompTIA Security+ Certified |

Experience

Business Owner LuxuriaCollections *Paris, France* **11/2022 - Current**

- Founded and managed a business specializing in importing and selling luxury items from France and Italy to the South Korean market.
- Developed and launched an online store, securing a business license, managing logistics, handling accounting tasks, and overseeing the procurement of goods.

Software Engineer DDMS *St.Paul, MN* **11/2021 - 11/2022**

- Led the design and development of multiple enterprise-level microservice applications for der Maximus Data Management Solution, driving \$8 million of revenue every year using the latest technologies of C#, .NET5, MSSQL, MySQL, Azure DevOps, Vue.js, and AWS.
- Designed and Implemented a highly secure business backend API by adhering to industry best coding practices, ensuring the integrity of essential CRUD operations using .NET and Azure cloud technologies that serve several thousands of clients daily.
- Led the development of several products E2E, from modules that generated custom reports via SSRS, implementation of 3rd party libraries, addition of new functionalities for existing software, engineering, testing, and configuring dashboards for monitoring metrics.
- Utilized Amazon CloudWatch to effectively monitor and manage the performance and health of company AWS IT infrastructure.

Application Developer IBM *PoughKeepsie, NY* **05/2021 - 11/2021**

- Implemented enterprise applications for project ACORN for performing automated testing of IBM's zOS and zMainframe computing networks using Python, Flask, sqlalchemy, PostgreSQL, Ansible, Jira, IBM Cloud, and Redhat CentOS.
- Designed and developed scalable system API to connect ACORN's web interface with 3rd party automation frameworks and inhouse IBM assets such as eATs (eApp Automation Testing System) and schedulemon.
- Deployed IBM cloud instance for storing OS and mainframe data received by ACORN from API e2e operations.

Software Engineer DL and Associates *Schaumburg, IL* **01/2021 - 05/2021**

- Designed and implemented business application tools for the integration and transferring of customer data into Quickbooks, driving yearly revenue of \$1 million using C#, XML, Intuit Quickbooks Software Development Kit 13, Visual Studio, and Team Explorer.
- Redesigned frontend graphical user interfaces for custom windows forms application and programmed backend business logic for client funded custom software and add-ons for Quickbooks Enterprise 2021.
- Coded enhancements for the in-house data migration software, drastically reducing the data migration upload time into Quickbooks from 3 hours to just 30 minutes. Amplified overall operational efficiency by 90%.
- Collaborated with application engineers and accountants to ensure 100% accuracy of data post data migration using auditing software.

Software Engineer, Intern Planet Virtue *Deerfield, IL* **05/2019 - 01/2021**

- Designed software solutions for logistics companies to significantly enhance and streamline their freight forwarding operations.

Coding and Robotics Instructor Apple Tutoring *Chicago, IL* **02/2014 - 05/2019**

- Taught students basic programming and robotics at various schools, libraries, churches, events, and homes throughout the state of Illinois.

Education

Bachelor of Science UIC *Chicago, IL* **08/2012 - 08/2014**

- Major in Computer Science at the University of Illinois Chicago

Projects

- **AWS CloudQuest Machine Learning:** Completed interactive labs in AWS Cloud Quest: Machine Learning, gaining hands-on experience with AWS services such as SageMaker, S3, and Lambda. Developed practical skills in machine learning by simulating real-world business scenarios on AWS.
- **AWS Cloud Quest Security:** Completed labs focused on identity and access management, data protection, network security, threat detection, incident response, compliance, and logging. These labs utilize AWS services such as IAM, KMS, CloudHSM, VPC, GuardDuty, Config, Security Hub, Audit Manager, Artifact, CloudTrail, and CloudWatch.