# John Maillet

## Software Developer

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## EXPERIENCE

### SOFTWARE DEVELOPER — *Credit Interlink*, Chicago, IL
July 2020 - Current

- **Develop** ASP.NET Web API, Web Form, and Angular applications
- **Develop** stored procedures in SQL
- **Develop** SQL scripts for table and record creation for new applications
- **Modify** existing software to correct errors or to improve its performance
- **Deploy** application enhancements, break-fixes, using version control branch / merge and manual deployments
- **Test** features: unit, integration, and regression

### SOFTWARE DEVELOPER — *Robert Half*, OakBrook Terrace, IL
Oct 2019 - 2020

- **Develop** ASP.NET MVC and Web API applications
- **Develop** stored procedures in SQL server for new applications and for SSRS reports
- **Develop** SQL scripts: table and record creation for new applications
- **Store and retrieve** data for analysis of system capabilities and requirements
- **Modify** existing software to correct errors or to improve its performance
- **Manage** deployment of application enhancements and break-fixes using version control branch / merge in Azure Repos

### APPLICATION DEVELOPER — *Heartland Dental*, Effingham, IL
2018 - 2019

- **Modify** existing ASP.NET software to correct errors or to improve its performance
- **Analyze** user needs and software requirements to determine feasibility of design within time and cost constraints
- **Store** and **retrieve** data using MS SQL Serve for analysis of system capabilities and requirements
- **Develop** and **direct** software system testing and validation procedures, programming, and documentation
- **Consult** with customers about software system design and maintenance
- **Manage** deployment of application enhancements and break-fixes using version control branch / merge

### BUSINESS PROCESS ANALYST — *Vertex, Inc.*, Naperville, IL
2011 - 2018

- **Automate** business tasks by **developing** computer programs using VBA on Excel and Access, C#, and MS SQL Server
- **Develop**, **document**, and **revise** system design procedures, test procedures, and quality standards
- **Test**, **maintain**, and **monitor** computer programs and systems, including **coordinating** the installation of computer programs and systems
- **Expand** and **modify** system to serve new purposes and improve workflow
- **Coordinate** with management to **ensure** agreement on system principles
- **Interview** and **survey** workers, **observe** job performance and **perform** the job to **determine** what information is processed and how it is processed
- **Define** the goals of the system and **devise** flowcharts and diagrams **describing** logical operational steps of programs
- **Train** staff and users to work with computer systems and programs

## Languages and Environments

- ASP.Net Framework and Core
- ASP.Net MVC, Web API, and Web Forms
- HTML / Razor Forms, JS, JQuery, CSS, AJAX
- Angular
- C#, C++, C
- SQL, T-SQL
- Python, R
- VBA
- Java JSP
- Entity Framework, LINQ, NSwag
- Linux
- Apache Tomcat Server
- PHP
- Windows API
- VirtualBox, Docker
- AWS S3, EC2, EMR
- Kendo

## Software

- MS Visual Studio, Eclipse, Atom
- .NET Framework Unit Test
- MS SQL Server, MySQL, AWS DynamoDB
- Git, TFS, Azure DevOps
- Hadoop, Hive, Spark, TEZ, Kafka
- Postman, SwaggerHub
- Jira
- MongoDB
- MS Excel
- MS Access
- MS Word
- MS PowerPoint
- MS Visio

## Design Patterns and Principles

- Service Oriented Architecture
- REST
- SOLID
- DRY
- MVC and N-Tier
- Repository
- Singleton

## CERTIFICATIONS

### CAPM
*Project Management Institute*
#1941934
2016

### MIS Graduate Certificate
*Northern Illinois University*, Naperville, IL

## RELATED COURSEWORK

- Cloud Capstone
- Cloud Computing Applications
- Cloud Networking
- Software Engineering
- Machine Learning
- Data Structures I & II
- Systems Analysis and Design
- Business Applications of DBMS
- Business Process Management
- Database Systems
- Data Cleaning
- Data Curation

**SENIOR SALES TAX ASSOCIATE** — *Thomson Reuters*, Lisle, IL
2007 – 2011

- **Prepare** sales and use tax returns for medium to large businesses
- **Validate** data input and **verify** totals on tax forms prepared by others to detect errors in arithmetic, data entry, or procedures
- **Compute** taxes owed or overpaid
- **Apply** all appropriate adjustments, deductions, and credits

**SUBSTANCE ABUSE COUNSELOR** — *Anixter Center*, Chicago, IL
2005 – 2006

**PSYCHIATRIC TECHNICIAN** — *Maryville Academy*, Des Plaines, IL
2002 – 2006

## EDUCATION

**MCS – Expected** — *University of Illinois*, Urbana–Champaign, IL
Completion Expected December 2020

**MBA** — *Northern Illinois University*, Dekalb, IL

**Bachelor of Arts, Psychology** — *DePaul University*, Chicago, IL
**With Highest Honors**
Psi Chi – National Honors Society
Dean's List All Quarters in attendance

**Associate of Science** — *College of DuPage*, Glen Ellyn, IL
**With Honors**