John Maillet

Software Developer

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EXPERIENCE

SENIOR ASSOCIATE SOFTWARE ENGINEER — *Capital One*, Chicago, IL
February 2022 - October 2023

- **Work** on a variety of projects focusing on backend development, frontend development, infrastructure, tooling, platform engineering, developer experience and data engineering
- **Support** the continued professionalization of the engineering practice in the studio with effective communication and advocacy in public speaking, presentations, documentation, etc
- **Explore** and evaluate new and emerging software tools, technologies, and practices
- **Work** within and across Agile teams to **design**, **develop**, **test**, **implement** and support technical solutions across a full-stack of development tools and technologies
- **Identify** gaps and **solve** problems to completion
- **Share** my passion for staying on top of tech trends, **experimenting** with and learning new technologies, participating in internal & external technology communities, **mentoring** other members of the engineering community
- **Mentor** elementary school students on HTML / CSS in the Coders program
- **Awarded** the People's Choice award for a team hackathon project

SOFTWARE DEVELOPER — *Credit Interlink*, Chicago, IL
July 2020 - February 2022

- **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 and break-fixes
- **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

Languages and Environments

- ASP.Net Framework and Core
- ASP.Net MVC, Web API, and Web Forms
- HTML / Razor Forms, JS, JQuery, CSS, AJAX
- Angular, Vue.js, Node.js
- C#, C++, C
- SQL, T-SQL
- Python, R
- VBA
- Java JSP
- Entity Framework, LINQ, NSwag
- AWS S3, EC2, EMR, Lambda, Cloudwatch, SNS, VPC

Software

- MS Visual Studio, Eclipse, Atom
- JetBrains: IntelliJ, PyCharm
- Jest, Vite
- Splunk
- MS SQL Server, MySQL, AWS DynamoDB
- Git, TFS, Azure DevOps
- Hadoop, Hive, Spark, TEZ, Kafka
- Postman, SwaggerHub, Insomnia
- Atlassian: Jira, Confluence
- MongoDB
- Office Productivity Suite
- G Suite

Design Patterns and Principles

- BFF
- 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

AWS Certified Solutions Architect
BHNFD63LFFEQQ694
May, 2022

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

- **Automate** business tasks by **developing** computer programs
- **Develop**, **document**, and **revise** system design, tests, 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

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

Master of Computer Science — *University of Illinois*, Urbana-Champaign, IL

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