

# Radu Mamut

## Expert Application Developer

### SUMMARY

Software engineer with over 20 years of professional experience, adept in backend development, database programming, and application deployment. Graduated with a Bachelor's Degree in Computer Science from the University of Illinois at Chicago, demonstrating a robust educational foundation in the field. Exhibits proficiency in a multitude of technologies including C#, ASP.NET, Microsoft SQL Server, Oracle PL/SQL, and modern development tools like Visual Studio. Specializes in financial and accounting software, having developed key applications for revenue management and cloud-based accounting platforms, aligning with industry practices such as SDLC and Agile methodologies. Holds a track record in enhancing legacy systems and integrating APIs with a focus on improving application efficiency and user experience.

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	C/C++/C# (5 yr.), ASP.NET MVC (5 yr.), Microsoft SQL Server (5 yr.), Visual Basic .NET (5 yr.), Oracle Database (5 yr.)
<b>.NET Platform</b>	ADO.NET, ASP.NET Core Framework, ASP.NET MVC (5 yr.), Entity Framework, Visual Basic .NET (5 yr.)
<b>JavaScript Frameworks</b>	Angular, Express (4 yr.)
<b>C++ Libraries and Tools</b>	C/C++/C# (5 yr.)
<b>JavaScript Libraries and Tools</b>	Leaflet, React Context (4 yr.)
<b>Databases &amp; Management Systems / ORM</b>	Microsoft SQL Server (5 yr.), Oracle Database (5 yr.), Redis, Toad
<b>UI Frameworks, Libraries, and Browsers</b>	Material UI
<b>Deployment, CI/CD &amp; Administration</b>	Blazor
<b>iOS Libraries and Tools</b>	Core Motion
<b>Version Control</b>	GitHub
<b>Mail / Network Protocols / Data transfer</b>	JWT
<b>SDK / API and Integrations</b>	JWT, Stripe
<b>Methodologies, Paradigms and Patterns</b>	Observer



<b>Third Party Tools / IDEs / SDK / Services</b>	Visual Studio
<b>File Systems, Storage</b>	XML
<b>Other Technical Skills</b>	Authorize.Net (4 yr.), Telerik

## WORK EXPERIENCE

### Software Engineer, Website Deployment Tool

**Duration:** Mar' 07 – Jun' 08

**Summary:** Developed a deployment tool to facilitate code deployment from vendors to CareerBuilder servers including interactions with vendors and the internal BizDev team.

**Responsibilities:** Deployment tool development, interfacing with vendors and internal teams, component interaction and updates

**Technologies:** .NET Remoting, VB.NET, XML, Microsoft Visual Studio 2005, ASP.NET platform

### Software Engineer, Sologig.com

**Summary:**

- Maintenance and enhancement of Sologig
- com, including GUI improvements, pagination implementation, database enhancements, and integration of Telerik RadEditor

**Responsibilities:** Website maintenance, UI improvements, stored procedure writing, database design and creation

**Technologies:** Microsoft Visual Studio 2005, Microsoft SQL Server 2005, MS SQL, C#, XML, Telerik RadEditor

### Software Engineer, Back Office System (BOS)

**Duration:** Nov' 09 – May' 12

**Summary:** Developed and maintained back-office system (BOS) website which involved coding, database management, and functionality updates.

**Responsibilities:** Website development and maintenance, coding in C# and VB.NET, Oracle database management

**Technologies:** Microsoft Visual Studio 2008, 2009, 2010, ASP.NET platform, C#, VB.NET, Oracle 10.5, Toad client

### Software Engineer, Accounting Integration and Cloud Computing

**Duration:** May' 12 – Oct' 16

**Summary:** Designed and implemented software integrations for cloud accounting platform Intacct, including API work, Lockbox applications, and various accounting projects.

**Responsibilities:** Software development and integration, Intacct API integration, database and records management, payment gateway integration



**Technologies:** Intacct API, .NET XML, Intacct, OpenAir, Concur, DevExpress, Ajax Controls Toolkit, Microsoft Visual Studio 2010, 2013, 2015, C#, VB.NET

## **Check 21 Application, OCR Query, Application Developer**

**Duration:** June 2017 – April 2022

**Summary:** Responsible for backend programming of Check 21 Application, database programming using SQL Server and Oracle, oversaw daily Lockbox jobs, and developed OCR Query program for error detection.

**Responsibilities:** Backend programming and maintenance, database programming, overseeing daily jobs, OCR Query program development

**Technologies:** C#, ASP.NET, Microsoft SQL Server 2016, Oracle PL/SQL, Microsoft Visual Studio 2019, 2020, MS SQL, Oracle 12.1

## **EDUCATION**

- **Bachelor's Degree in Computer Science**
- Major (Graduation date: 2001) from University of Illinois at Chicago.
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- **Liberal Arts Associates Degree in Communication and Public Relations**
- Graduation date: 1998 from Oakton Community College.
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## **CERTIFICATION**

- **Learn Blazor while creating an Inventory Management System**
- Create an App with .NET 6, Blazor Server, Entity Framework Core, ASP.NET Core Identity
- **Build a proof-of-concept e-commerce store using Angular, .NET and Stripe for payment processing**
- Stripe, Redis database, Caching, Generic Repository, Unit of Work pattern, Specification Pattern, Roles, Entities
- **Complete Blazor Course - e-Commerce App & Clean Architecture**
- ASP.NET Blazor in Depth & Build an e-Commerce Web Application with Clean Architecture
- **Building Applications with Angular 19 and ASP.NET Core 9**
- Use Angular, ASP.NET Core, Entity Framework Core, Material Design, JWT, Leaflet, to build a full application. - By Neil Cummings
- **Build an app with ASPNET Core and Angular from scratch**
- By Neil Cummings

