**AMGED BAKER**

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**Profile**

A technical leader and solution architect with over 14 years of experience in the IT industry and working within software development teams in many disciplines including retail, manufacturing, warehousing, logistics, real estate, healthcare, financial services and e-commerce with a proven track record in providing technology solutions that generate revenue, simplify and streamline processes, increase efficiency, automate remedial tasks, integrate multiple systems and datasets and standardize and centralize information.

**Qualifications**

* 11 years of OOP in .NET framework/Core C# delivering platforms, libraries and applications
* 11 years of RDMS experience using MS SQL 08/12/16 and Oracle 10g, 11g, 1 year NoSQL using MongoDb
* 10 years of data analytics, compliance, unit, integration and regression testing
* 9 years of managing multiple technical individuals in support/development environments
* 5 years of developing Web solutions in .NET MVC, web services using Web API and SPA using Angular
* 5 years of mentoring software engineers
* 3 year of research and development, Proof of concepts, prototyping in .Net

**Education**

**Master of Business Administration,** Project Management

2005 American InterContinental University - Weston, FL

**Bachelor of Information Technology,** Computer Information Systems – with Honors

2007 American InterContinental University - Weston, FL

**Technical Skills**

* **Platforms**: MS Windows 95/98/2000/NT/XP/Vista/7/8.1/10, MS Windows Server 2003/2008/2012, Knoppix, Fedora, Ubuntu, MS Azure
* **Software:** MS Office, MS Project, MS Visio**,** MS Visual Studio, VS Code, MS Visual Web Developer, MS SSMS, MS SSRS, MS SSIS, Oracle SQL Developer, Crystal Reports, TOAD, Automate, MS SharePoint, MS Expression Studio, VMWare(VSphere), Xamarin Studio, Eclipse, Android Studio, Dreamweaver, Log Parser, NuGet, Log4Net, ItextSharp, ABCPDF, QuickBooks Enterprise, QODBC
* **Databases:** MS SQL Server 00/05/08/12/16, Oracle 9i, 10g, 11g, MySQL, MongoDB
* **Source Control:** SVN, MS Visual Source Safe, MS Team Foundation Server, Git, BitBucket
* **Languages:** C#, VB.Net, ADO.NET, Classic ASP, VBScript, ASP.Net, XAML, Ajax, SQL, T-SQL, PL/SQL, HTML5, HTML, XHTML, XML, AML, CSS, JSON, Typescript, JavaScript
* **Frameworks, Libraries, Models, Features, Security:** MVC, Angular, JQuery, Bootstrap, MVVM,WCF, WPF, Telerik, Enterprise Library, ASP.Net Membership, ASP.Net Identity, Web API, Rest, SOAP, Entity Framework, SFTP/SSH, TLS/SSL, SAML 2.0, OAuth 2.0, PGP, GPG
* **Standards:** Health Insurance Portability and Accountability Act (HIPAA), Payment Card Industry Data Security Standards (PCI DSS), Open Data Protocol(OData), Real Estate Transaction Standard (RETS), Federal Information Processing Standard (FIPS), Electronic Data Interchange (EDI)

**Professional Experience**

**Solution Architect/ Tech Lead -** 10/2014 to Present **-** RatePlug LLC, Boca Raton, FL

* Architected and developed new software solutions and integration solutions and managed project lifecycles including development, deployment, and production support
* Coordinated development tasks to ensure alignment with business requirements and organizational goals and vision
* Assisted development team in developing standards and adopting policies and procedures and software solutions such as version control and task and issue tracking in addition to the migration of all new development to C#/MVC/Angular
* Managed and mentored development and support team in technical and non-technical guidance, both development and operational related.
* Assisted management with data analytics and data mining in order determine current trends, identify new opportunities and new revenue streams and software solutions and development of models for forecasting of revenue
* Redesigned and developed proprietary SaaS Platform with member dashboards, Sales and outreach CRM, PDF Ad generator, marketing campaign automation module, admin portal and data integration and distribution APIs for content network
* Migrated components and solutions to cloud solutions such as Amazon AWS and MS Azure
* Collaborated with solutions architects from clients and vendors in order to accomplish systems integrations and launch of SAAS solutions in third party environments with SAML 2.0 cross domain SSO
* Contributed to additions in Real Estate Standards Organization (RESO) for transmission of real estate related data
* Managed relationships with industry essential government entities such as the United States Postal Service, United States Department of Agriculture, United States Census Bureau,  Federal Financial Institutions Examination Council
* Reviewed, modified and automated Billing and other Back-Office procedures and implemented integrations with Google’s suite of APIs including Maps, Sheets, Drive and Fusion Tables, QuickBooks Enterprise 2016 integration via QODBC, SalesForce.com APIs and MS Exchange Services in addition to integrations with numerous industry specific proprietary APIs
* Developed custom ETL/Data file Processing, data ingestion solutions and complex data processing tasks and planning, architecting BI OLAP Cube for Data warehousing and analysis of datasets

**Senior Distributed Applications Developer/ Team Lead -** 07/2012 to 12/2014 – ITG Brands (Formerly Commonwealth-Altadis Inc.), Ft Lauderdale, FL

* Acted as software development team lead introduced standards such as version control, Converted business requirements to technical specifications, designed and developed enterprise web systems
* Developed Digital Product Catalog and Pricelist with multi format document generator, customer rebate and promotional payment generation portal with integration of CRM, Lawson ERP, and third party Trade dimensions data sources
* Developed External facing API to provide interface to Lawson ERP data required by point of sale vendor, Warehouse Management Services provider and Siebel CRM
* Upgraded internal facing legacy product web ordering system, developed application to manage product images and post to point of sale vendor
* Developed user/ role based centralized navigation with SSO and Active directory integration (LDAP), Financial\legal digital document import ,management and storage integration
* Architected process to facilitate data flow from Lawson ERP system to external parties via Lawson ERP process flow component trigger and web services and web administration module
* Migration of features/ solutions from MS SQL Server 2012 to Oracle 11g and vice versa

**Senior Web Application Developer (Contract) -** 03/2012 to 07/2012 **-** Merchant Services Ltd, Miami Beach, FL

* Managed Designer and Web Master, coordinated design, data and requirements gathering phases in Software Development Projects
* Developed online financial transaction broker, integrated, configured with CMS by DOTNET-NUKE, developed back office process for fulfillment with integration to real time shipping and tracking APIs, user support, automated billing and Accounting
* Developed Accounts payable CRM and Administrative reporting portal

**Web Application Developer (Consultant) -** 10/2011 to 02/2012 - The Credit Society, Coral Gables, FL

* Designed and Developed web system made up of Intranet based CRM, web portal, lead generation engine, Online Store with SOAP API integrations to financial institutions, ID verification system, payment gateway and SMTP Email interface

**Web Application Developer (Consultant) -** 03/2011 to 08/2011 - CapOne Solutions, Hollywood, FL

* Developed ecommerce (product based Corporate and offer page) CMS by converting mockups and designs into fully functional web application with blogging, offer pages and payment processing
* Designed and Developed Customer Relationship Management System (CRM) and integrated sales incentive applications including coupon redemption system
* Supervised/ assisted designers in web application development, databases and general internet technologies.
* Gathered requirements from marketing campaign managers to determine new website requirements and added product details information in SQL Server database
* Developed organizational policies and procedures for development and launch of offer pages and ecommerce corporate websites.
* Provided support for ecommerce web systems including payment/order processing and third party integrated APIs

**Senior Business Analyst (Consultant) -** 02/2011 to 03/2011 - Think Tech Labs, Miami Beach, FL

* Developed CRM app demos and lead discussions, gathered business requirements for customization of Salesforce.com CRM apps, developed reports and modified salesforce.com CRM app based on requirements documentation

**Web Application Developer/Database Developer (Contract) -** 09/2010 to 01/2011 - ViroPlex Media LLC, Hollywood, FL

* Developed and reverse engineered existing CRM functionality of SAAS platform into internal proprietary software system
* Developed solution to manage and organize incomplete orders and convert information into leads for sales outreach call center
* Provided support and data analytics to business entities for CRM billing and sales data and reports
* Documented CRM Functionality and business rules and created user manual and user security and account procedures guide.

**GIS consultant/programmer (Contract) -** 04/2010 to 07/2010 - City of Plantation, Plantation, FL

* Created project plan for the implementation of a GIS system, documented technical analysis describing the functionalities and benefits of the existence of a GIS system in the locations identified by prospective client
* Performed operations of ESRI’s ArcGis Desktop and ArcGis Server systems and all related hardware and software
* Developed web mapping applications using ArcGis Server, performed maintenance, testing, modification, and support of applications provided by ESRI for perspective client demonstrations
* Implemented standardized software development life cycle processes including requirements gathering, analysis, design and release control

**Data Services Supervisor/ Programmer/Analyst -** 11/2007 to 03/2010 – Altegra Health (Formerly Social Service Coordinators Inc.), Miami Lakes, FL

* Developed web and windows applications, ETL, Data management and Data ingestion
* Provided exploratory and confirmatory data analysis to corporate staff for all warehoused data
* Developed and maintained IT operations policies and procedures for data services group for new hire training and audit compliance purposes
* Developed and maintained task lists, standard operating procedures, and instruction manuals for data services software applications
* Acted as leading technical IT liaison to all non-IT corporate staff and external corporate clients
* Created business and system use cases including UML diagrams for newly developed production support applications
* Coordinated team deliverables, implemented and utilized project management tools and modified control forms to insure quality and timely completion of tasks in project life cycle
* Performed maintenance, testing, modification, and support of production applications and procedures
* Performed administration/maintenance tasks on all production support servers
* Gathered requirements with business analysts and project managers to develop and modify software systems

**Other Relevant Experience**

**Adjunct Professor -** 09/2015 to 09/2016 - ITT Technical Institute, Fort Lauderdale, FL

**Sr. IT Support Analyst -** 05/2005 to 12/2007 - Career Education Corporation, Weston, FL

**Technical Support Analyst -** 04/2004 to 01/2005 - the Answer Group (Geek Squad), Miramar, FL