

Dean Sonnier

Cell (337) 965-9569 | dean@bigwoodssoftware.com

Objective

Secure a responsible career opportunity to fully utilize my training and skills, while making a significant contribution to the success of the company.

Experience

Synergy ID, LLC - Melbourne, FL (Remote)

Jan 2016 – Present

Lead Software Engineer / Full Stack .NET Developer / AWS Administrator

- Created and maintained .NET web app functioning as an asset survey repository. Also used by our clients for making insurance placement decisions across thousands of assets. Includes CRUD data management graphical user interface, 3rd party API integration (AWS, QuickBase, and DocuSign) and several custom user-generated reporting interfaces.
- Automated several mission-critical data import operations via Windows Services that are hosted on a cloud Elastic Compute (EC2) Server instance. Includes daily email reporting to administrators for monitoring / error checking.
- Managed multiple databases hosted on a MySQL RDS instance in our AWS cloud. This includes all typical database administrator tasks such as database optimization/indexing, table management, stored procedure creation, and view creation. Created advanced, optimized queries for providing fast and reliable reporting and insights to our data-driven applications.
- Managed Amazon Web Services (AWS) cloud infrastructure for all our mission-critical applications. Experience includes:
 - Simple Storage Service (S3)
 - Relation Database Service (RDS)
 - Elastic Compute Cloud (EC2)
 - Elastic Load Balancing
 - Simple Email Service (SES)
 - Elastic Container Service (ECS)
 - Elastic Container Registry (ECR)
 - Virtual Private Clouds (VPC)
 - Route53 for domain management.

Imperial Health, LLC - Lake Charles, LA (Contract)

Feb 2015 – Present

Software Engineer / Full Stack .NET Developer

- Developed and maintained ASP.NET intranet portal for use throughout multiple IH facilities. Included several critical financial reporting tools for physicians and department administrators.
- Developed and maintained a patient registration/check-in application, deployed to numerous Android tablets across multiple facilities.
 - The tablets used IBM MaaS360 for kiosk mode behavior configuration
 - Created a mobile-friendly ASP.NET website, served via the IBM browser app to provide a multi-page registration workflow to the patients.
 - The patient data posted to both the Electronic Medical Records as well as other local data stores for registration tracking and error reporting.

Headache & Wellness Center of SWLA – Lake Charles, LA (Contract)

Feb 2023 – July 2023

Software Engineer

- Created a point-of-sale application to allow charging of customers
- Integrated with Stripe payment API for credit card processing via on-site card readers
- Provided product inventory management via user interface and SQL-powered back-end
- Provided receipt inventory management and monthly sales reporting with state tax calculations

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Central Testing Co. Inc. - Sulphur, LA (Contract)

Mar 2012 – Jan 2014

Software Engineer

- Created a multi-form thick client Windows application to record radiologic testing data
- Provided aggregate, printable reporting services for all forms
- Deployed and maintained the application across numerous laptops for use in trucks deployed for field work
- Provided intranet dashboard streamed to on-site workstations helping coordinate workers' daily assigned tasks and stations. Includes user-friendly admin portal for data management.

Professional Skills/Attributes

- Proficient in ASP.NET Web Forms and MVC development
- Proficient in printable reporting solutions such as RDLC and Telerik Reports
- Proficient in Windows thick client application development
- Proficient in task automation via Windows Services
- Proficient in JavaScript and jQuery
- Proficient in C# .NET
- Proficient with Bootstrap front-end web framework
- Proficient with Telerik, a 3rd party toolkit provider for rapid application development
- Proficient in MySQL
- Proficient in SQL Server
- Proficient in API integrations such as Amazon Web Services, Stripe (Payment) API and DocuSign
- Proficient in long-running data import operations via custom automated processes
- Proficient in FastField Forms for rapid mobile data form development
- Familiar with Docker and its use with AWS Elastic Container Service
- Familiar with DevOps patterns
- Familiar with .NET Blazor
- Familiar with Windows Server
- Familiar with native Android mobile application development
- Familiar with WebAPI and Web Services
- Familiar with C/C++
- Familiar with Python
- Familiar with PHP

Education

- **McNeese State University, Lake Charles, LA**
 - Two Semesters in Computer Science Major

May 2014 – Dec 2014