
Experience

Atlas-Apex Roofing Inc.

2023 – 2024

Senior Full Stack Software Developer

While providing solutions and support for the commercial roofing industry, I participated in and lead a full stack agile software development life cycle across a team of junior, intermediate, and coop student developers that I mentored on a daily basis.

The development team operated on a Team Foundation Server architecture with a software versioning control enabled via git. Issues and feature requests were handled by Jira. I ran many sprints including full build, test, fix, and release cycles involving .NET MVC and Blazor based development against Microsoft SQL Server databases.

I wrote web services in .NET to handle API requests from mobile devices running custom Swift and Kotlin applications developed by me and the team.

Software Development

.NET Core C#
.NET Framework C#
AngularJS
TypeScript
HTML5
Swift (iOS)
Kotlin (Android)

REM Web Solutions Inc.

2010 – 2023

Software Development Manager

I led a multi-disciplinary software development team. Our primary deliverable was a flagship content management system that has been sold and installed in hundreds of production instances.

I was the primary solutions architect for 5 high profile software projects that are used within the education, commercial, real-estate and automotive sectors.

Most notably, I planned and designed the next version of the flagship CMS which includes solutions architecture, data management, SDLC, change management, and data migration to name a few the key components that contribute to the success of this project.

Due to the technical complexity of many projects, I speak directly with clients to gain their trust, explain their choices and prepare estimates of time and cost for their consideration.

Key Responsibilities

- Consult with both internal and external stakeholders to establish refined business processes, standards and methods for delivering projects on time and within strict budgets.
- Document business processes through the use of work flow charts and data flow charts which aid in the analysis of the information management requirements and issues confronted in each project.

Strategic Leadership Skills

Inspire individuals
Engage with teams
Motivate staff
Develop staff skills
Mentor staff
Collaborate with teams

Project Management

Consulting
Programming
Forecasting
Team Management
Databases
Best Practices
Systems Development
Life Cycle

Server Side Programming Languages

ASP.NET C#
PHP

- Forecast, identify, and develop change management strategies to predict, detect, and address issues that can or will result from changes or new initiatives.
- Oversee the collection, analysis, and reporting of complex information to all levels of each involved organization.
- Organize, summarize, analyze, and interpret data generated by internal and external data warehouses in order to empower the team with timely knowledge.
- Lead ongoing, concurrent projects that support the careful planning required to operate the business. Collaborate with management, staff, and customers to ensure the successful implementation of deliverables.
- Maintain updated documentation and/or diagrams that describe business rules and operating procedures for all major platforms in development. Ensure that said documentation integrity is upheld through multifaceted storage and backup systems.
- Participate in the development and support of training and technical writing for staff and external partners that supports the products in development.
- Provide technical support and assistance for the purpose of training staff in the use of the company's software products as well as personal computers.
- Participate and lead weekly meetings to effectively measure the

Knowledge / Skill

- Built a specialized tool named Project Tracker to facilitate the management of ongoing and past projects. Project Tracker provides REM the ability to track client relationships through an effective model of the entire project workflow.
- Effectively analyze requested changes to projects to ensure that even the smallest changes do not upset the balance or scope of an entire program.
- Map out the effects of changes through documentation, communication and delegation of responsibilities.
- Provide training to fellow staff on how to best handle change requests via broad thinking, impact resolution, and problem solving.
- Effectively produce individual, actionable items from high-level requests originating from customers and staff using business process analysis.
- Mandate information and data standards across the company to ensure quality expectations and effective delivery are always achieved.
- Apply computer science theories and principles to analyze the quality of data such that data standards are met and/or exceeded across the range of ongoing projects.
- Track performance measures across managed projects to ensure they align with business decisions.
- Produce RFQs for the purpose of producing cost analysis and impact reporting documentation for external data sources and services.
- Ability to collect, mine, and oversee data maintained for reporting on service usage and usage patterns by all clients. Reporting data is stored in modern SQL server databases using current theories and strategies to ensure the integrity and speed of delivery of said data.

ColdFusion

Front End Development

JavaScript

jQuery

HTML

HTML5

CSS

CSS3

Full Stack

Business Intelligence Tools

Databases

Data Analysis

SQL

MySQL

Software Development Management

Staff Training

Client Training

Support Documents

Collaboration

Software

Microsoft Visual Studio

SQL Management Studio

Sublime Text, VS Code

FTP Clients

Microsoft Word

Microsoft Excel

Microsoft PowerPoint

Adobe Photoshop CC

Interpersonal Skills

Issue Management

Coaching

Training

Mentoring

Communication

Relationship

Management

- Extensive knowledge of typical office software, including all Microsoft Office tools for documentation and presentations and Microsoft/MySQL database administration tools and related database structures. Also, a very strong understanding of the inner workings of Apple's iOS and Google's Android platforms facilitating further knowledge of mobile applications, especially as to how they pertain to office use and systems development.

Interpersonal / Influencing Skill

- Build lasting trust and relationships with clients that facilitates information gathering for the purpose of defining technical parameters for program development.
- Strong working relationships with clients and staff alike that aids in resolving problems quickly and effectively.
- Participate and aid in team building initiatives to further strengthen bonds with staff members as well as encourage making lasting connections with clients.
- Facilitate meetings with clients and staff to define and manage the scope of change requests to ongoing or new systems in development.
- Ability to present complex system parameters to varying technical levels of audience members whether during training sessions, presentations, or coaching.
- Coach fellow staff using career building strategies to ensure the future success of the company as well as to facilitate the transfer of systems knowledge to new staff.

Analyzing / Problem Solving Skill

- Ability to assess problems and develop recommendations, proposals, and solutions that take into account information management strategies, systems, and practices.
- Built and maintain an issue tracking system to identify up to the minute problems within the company's software in order to analyze and delegate fixes.
- Analyze company hosting usage data to provide statistical information and draw conclusions regarding the impact on systems.

Decision Making / Responsibility

- Lead and coordinate the development of client information systems that meet client business needs.
- Make recommendations for systems in development to support effective client relations.
- Identify client information management requirements that line up with their business rules.
- Ensure best practices are implemented on all projects and decisions are guided by established internal and external standards, policies, procedures, and operational activities.
- Work collaboratively with clients and staff to identify all system requirements and define all business rules that will define each workflow.
- Provide advice and recommendations on operational policies to support decision making both by clients and internal stakeholders.

Contacts / Stakeholders

- Keep an open line of communication with staff and internal/external partners to discuss issues, exchange information regarding potential solutions, and coordinate projects.
- Act as primary liaison on information needs and requirements and provide support, technical assistance and training in the use of developed systems and related tools.

Demands / Pressures

- Work well under deadlines, shifting priorities, and external pressure and can handle frequent interruptions while also helping set standards for communication during crucial deadlines.
- Always willing to work until a job is completed even if that means working beyond regular hours to meet time sensitive deadlines.
- Ability to provide concentration when dealing with detailed business requirement documentation and analyzing large volumes of data for trends.
- Able to apply concentration when reviewing data or software code for accuracy.

InsightU

2010 – 2011

Senior Software Developer

Worked alongside a team of ColdFusion based developers and translated a large amount of their hardened business rules into a C# based state machine used for reporting services.

Software Development
C#, ASP.NET

Punch Integrated Communications Inc.

2001 – 2010

Senior Software Developer

Built many data reporting and analysis services that were successfully used across a variety of customers and industries, especially loss prevention related.

Software Development
C++, C#, ASP.NET, Java,
Perl CGI

Ronneberger Computing Inc. (RCI)

1999 – 2000

Software Developer

Managed and programmed data UNIX based reporting services across a large network of clients. Key member in translating services to the web.

Software Development
Progress4GL

Education

University of Guelph, Guelph, ON

1999 – 2002

Bachelor of Computing