Michael P. Bowen

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Software Development Manager with 11 years of software engineering experience. The past 7 years have been spent working in the financial technology and services industry.

A hands-on leader with a proven track record of success planning, developing, and implementing reliable software solutions for complex business processes and workflows.

Manage a globally distributed team of software engineers who deliver large-scale software implementations that compose and augment a diverse commercial real estate (CRE) platform. The CRE platform facilitates private and public investments across the entire capital structure for billions in CRE assets under management (AUM).

Experienced in all aspects of the software development lifecycle from business process review and requirements gathering to crafting technical specifications, development, testing, and ongoing maintenance.

Leverage principles of agile software development and Scrum project management to manage both tactical and strategic projects.

Successful in proactively building and maintaining relationships with business partners to foster cooperation, help eliminate impediments, improve collaboration, build consensus, and drive project agendas.

Professional Experience

BlackRock Financial, LLC | Charlotte, NC   **January 2010 – Today**

Vice President, Software Engineering (1/2010 – 10/2015)

Director, Software Engineering (1/2015 – Today)

Managed the post-acquisition integration for all software and technology while balancing highly sensitive material nonpublic client information and transitioned all client-facing software without any business day downtime.

Worked closely with client relationship managers on existing client and potential client on-site demonstrations of the CRE platform.

Performed business process reviews as part of new client implementations and existing client rollouts to identify tactical and strategic opportunities to extend and/or evolve the platform to better meet clients changing needs.

Led the migration of a SQL Server reporting solution to an ASP.net web application that exposed on-demand internal reporting using Crystal Reports to external clients that added to the existing value proposition of the platform.

Worked collaboratively with a senior development manager to lead a large offshore team of 25 developers in Gurgaon, India to successful rewrite all Excel based client application infrastructure, business logic, and credit models into proper multi-tiered and distributed architecture that facilitated higher demand and provided better scale.

Promoted to CRE platform owner in charge of the vision, client support, platform evolution, and maintenance of the software infrastructure.

Worked with the modeling group to build and rollout client solutions focusing on post-crisis CMBS and private CML risk analytics using a stochastic simulation-based credit model.

Successfully transitioned the team from a legacy waterfall development process to an agile development process using Scrum project management.

Promoted to Director of Software Engineering in October 2015 focused on Alternative Investments software solutions.

Helix Financial Group, LLC | Charlotte, NC   **May 2009 – January 2010**

Sr. Associate | IT Manager and Software Engineer

Recruited to provide modern software and technology solutions to transform advisory and consulting models, tools, databases, and business processes built into Microsoft Excel Workbooks and Access Databases.

Worked with CTO and CFO to cut costs on outsourced IT support by taking ownership and managing the IT functions and infrastructure in-house.

Coordinated and Implemented the acquisition and deployment of database server infrastructure running SQL Server 2008 in Charlotte and Gurgaon, India.

Successfully migrated large datasets stored in Access and Excel to a normalized database schema using the CREFC Investor Reporting Package standardization.

Implemented a 2-way data replication strategy between Charlotte and India using SQL Server 2008 that enabled real estate underwriters in both offices to work more productively and collaboratively on underwriting without passing spreadsheets of data around as part of the workflow.

Reduced credit model runtime for CMBS deals by about 80% (on average) by developing an Excel plug-in with C# to replace the VBA query layer built into the primary Excel based tool.

Developed a Windows Form Click Once C# application that integrated several one-off Excel workbook applications written in VBA that suffered from human error and versioning issues on shared directories.

City of Charlotte | Charlotte, NC   **May 2005 – April 2009**

Programmer/Analyst

Developed enterprise applications using VBA, VB6, and C# to facilitate digitization and documentation workflows required to model water and sewer infrastructure.

Developed an enterprise tablet application with encryption to secure sensitive infrastructure data in transit and at rest on the tablet.

Mecklenburg County | Charlotte, NC   **May 2003 – May 2005**

GIS Technician

GIS data modeling and analysis for the Charlotte-Mecklenburg Police Department, Zoning, and Streets/Addressing department.

Education

The University of North Carolina at Charlotte
Bachelor of Science (B.S.) – Geography / GIS | Class of 2003 (2000-2003)

Core Competencies

- Strong communication skills, offshore and remote team management, team building, business process review, client relationship management, client implementations, systems integration, and the software development lifecycle

- C#, WPF, SQL, Java, SOA, Distributed Systems, MVVM, MVC, Linux, and Windows.