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PROFESSIONAL SUMMARY

With over 25 years of experience in software development and business intelligence & Data Analytics, I proudly serve as the Head of Business Intelligence & Data Analytics at Luminator Technology Group, a global leader in transit technology and communication solutions. Holding a Master's degree in Computer Science from the University of Texas at Dallas, I've played a pivotal role in shaping the digital landscape.

I have the honor of being a distinguished recipient of the prestigious Chancellor's Award, conferred by the Honorable President of Bangladesh. This accolade was in recognition of my outstanding academic achievement, securing a position among the Top 10 students nationwide in the Higher Secondary School Certificate (HSC) examination during my high school years.

I take pride in single-handedly establishing Luminator's Business Intelligence and Data Analytics practices. This initiative has yielded data-driven insights and solutions, empowering Luminator to optimize operations, achieve multimillion-dollar cost reductions, and enhance overall performance throughout the years.

My expertise spans a wide array of Business Intelligence, Data Analytics, Full Stack Software Development, and Data Science tools. I am well-versed in Tableau, Power BI, SQL Server, Telerik's Kendo UI, AG Grid, Infor SyteLine, SSRS, Crystal Report, Snowflake, ETL/ELT, ASP.NET Core, REST API, HTML5, jQuery, JavaScript, JSON, , and Python. Leveraging this skill set, I craft impactful reports, dashboards, visualizations, and robust software and web applications, delivering actionable insights to stakeholders and decision-makers.

Beyond technical expertise, I bring extensive experience in managing development team and the entire software development lifecycle, employing agile methodologies and best practices from requirement analysis to deployment. I am driven by a passion for leveraging data and technology to solve complex problems, drive innovation, and consistently deliver value to the organizations I serve.

TECHNICAL SUMMARY

Languages: C#, SQL, Python, VB .Net

Data Science & BI Tools: Tableau, Power BI, Telerik's Kendo UI, , Ag Grid, Microsoft SQL Server, Snowflake, SSRS, Crystal Report, Excel, Pivot table, Python, Web API, JSON, ETL, R, Data Modeling, NLP, AI, Machine Learning.

Skills: ASP.NET Core, REST API, AWS, AZURE, JSON, jQuery, Bootstrap, HTML5, CSS

PROFESSIONAL EXPERIENCE

Head of Business Intelligence and Data Analytics

LUMINATOR TECHNOLOGY GROUP | PLANO, TEXAS | AUGUST 2018 - PRESENT

- Spearheading and leading Software Application and Business Analysis and Data Analytics Application Development utilizing Tableau, Power BI, Infor SyteLine, Microsoft SQL Server, Snowflake, Telerik Kendo UI, AG Grid, ASP .Net Core, C#, REST API, jQuery, JavaScript, Dapper, HTML 5, and Bootstrap.
- Managing Implementation of cloud-based data warehousing utilizing Snowflake, Amazon AWS, Microsoft Azure, Microsoft SQL Server, ETL/ELT.

- Developed reports on Orders, Shipment, Backlog, Finance, Budget VS. Actual, Inventory, Quality, Service Repairs, Purchasing, and Planning, driving actionable insights and enabling data-driven decision-making.
- Led the development of a critical Inventory Report, resulting in millions of dollars in savings through strategic product discontinuation.
- Lead and developed a project delivering business-critical reports such as Quarterly Vendor Score Cards, Daily Global Reports, Credit Hold Reports, and Pareto Charts, streamlining processes and enhancing efficiency.
- Developed a dynamic web-based BI Dashboard using ASP .NET Core, SQL Server, jQuery, and Bootstrap. Inspired by Tableau Embedded Analytics tool, the dashboard seamlessly integrates reports from various tools like Power BI, Tableau, and Google Data Studio into a unified interface. This application entails a dynamic database-driven menu system for easy navigation and access to diverse features and reports by report categories, departments etc. Moreover, I ensured scalability by enabling the creation of dedicated dashboards tailored to different organizational units, departments, Business Functions. This scalability was achieved while maintaining a single set of source code, optimizing management and development processes.
- Developed a REST Web API for real-time data synchronization between Infor SyteLine and Salesforce, ensuring data consistency.
- Successfully migrated Tableau On-Premise server to Tableau Cloud, achieving cost savings, enhanced accessibility, security, and analytics capabilities.
- Lead the initiative of Converting Crystal Reports into Responsive Web Applications using Tableau, ASP .Net Core, Web API, JSON, jQuery, Telerik's Kendo UI, SQL Server, Bootstrap, and HTML 5.
- Lead the initiative of Converting SSRS reports from SyteLine ERP to Web API-based reports using Tableau, ASP .Net Core, Web API, JSON, jQuery, Telerik's Kendo UI, Ag Grid, SQL Server, Bootstrap, and HTML 5.
- Lead the initiative of developing a Web-based Project Management Application and Custom Time Entry Application using ASP .Net Core, REST API, SQL Server, jQuery, Telerik Kendo UI, Dapper, HTML 5, and Bootstrap, resulting in potential cost savings.

LEAD SOFTWARE ENGINEER

BANGLAVISION INC. | FRISCO, TEXAS | OCTOBER 2012 - JULY 2018

COMMUNITY BANKING TECHNOLOGIES, Dallas, Texas (Feb 2018 - Aug 2018)

- Managed a team in developing a comprehensive SaaS-based Asset Management Application and Reporting tool for the Real Estate Owned (REO) industry.
- Utilized Microsoft ASP.NET, MVC, Bootstrap, SQL Server, jQuery, JSON, Web Services, and WCF to deliver a scalable and efficient solution.
- Managed the entire software development lifecycle, including requirement analysis, design, development, testing, and deployment.

ECORE SOFTWARE, Dallas, Texas (Jan 2016 - Jan 2018)

- Managed a team in developing and enhancing eCore Software's flagship ERP product, ePro Scheduler, catering to high-performance EMS and ambulance operations.
- Developed integrated scheduling, time & attendance, payroll, reporting, document management, and workflow solutions using Microsoft ASP.NET, C#, SQL Server, Bootstrap, jQuery, Web Services, WCF, RESTful API, and JSON.

COMPUCOM INC. Dallas, Texas (Oct 2012 - Dec 2015)

Managed a development team in developing and maintaining a web-based dynamic product catalog and reporting tool using C#, ASP.NET, SQL Server, JavaScript, jQuery, AJAX, and XML

LEAD SOFTWARE ENGINEER

AKORBI INC. | PLANO, TEXAS | AUGUST 2011 TO SEPTEMBER 2012

- Managed a team of developers that developed and maintained a custom Project Management and Reporting Tool, enabling Akorbi to manage all aspects of their clients' translation and multilingual projects UTILIZING Microsoft ASP.NET, SQL Server, jQuery, EDI, XML, and Web Services.
- Led a team in the design, development, testing, and support of software projects, ensuring adherence to best practices and quality standards.
- Developed business requirement documents for IT Projects for Akorbi's clients such as Department of Agriculture, Aetna, US Army, US Navy.
- Collaborated with the stakeholders to gather requirements and provide innovative solutions.

SOFTWARE DEVELOPMENT MANAGER

Adpages INC., PLANO, TEXAS | February 2010 TO July 2011

- Managed a team of developers to develop, deploy, and maintain web basedgroupon.com like group buying application along with an extensive Reporting dashboard utilizing asp .net 3.5, SQL server 2008, JavaScript, JQuery, ajax, extJS, Coolite.
- Managed development of a few in house applications including an online coupon application, email marketing application, api interfacing with hosted IVR solution called ifbyphone, QR code.

CHIEF TECHNOLOGY OFFICER

Very Important Relationships (VIR), Dallas, TEXAS | March 2008 TO January 2010

- Built a Software development team in Bangladesh for VIR to augment VIR's existing team in the USA, facilitating a faster time-to-market process.
- Spearheaded Technology Strategy, Innovation, Product Development that saw a significant increase in productivity and cost efficiency through effective leadership and mentorship.
- Managed a team of developers to develop and implement an Online "Cashback Reward" application like <https://www.ebates.com/> using asp .net, SQL server 2000, JavaScript, Web Services.
- Managed development of Dynamic Membership, Customer Loyalty web applications, and Reporting Tools using asp .net, SQL server 2000, JavaScript

LEAD SOFTWARE DEVELOPER

AEGON DIRECT MARKETING, Plano, TEXAS | June 2006 to February 2008

- Led development of multilingual dynamic web applications for selling Life Insurances, Health Benefits online utilizing asp .net 2.0, SQL server 2000, JavaScript.
- Developed Dynamic Membership, Customer Loyalty web applications and Reporting tools using asp .net 2.0, SQL server 2000, JavaScript.

LEAD SOFTWARE DEVELOPER

MINOL USA, ADDISON, TEXAS | October 2003 to May 2006

- Led the development and upkeep of a Pay-by-Phone Interactive Voice Response (IVR) System, facilitating customers at Minol to manage accounts and make utility payments via phone.
- Developed and managed a secure online Payment Processing solution and Web Dashboard, utilizing ASP .NET, C#, SQL Server, Javascript, AJAX, XML, and Web Services.
- Oversaw the development and maintenance of Minol's proprietary applications, including Meter Read Automation, Meter Read Processing, Cash Flow, Lockbox, and Bank Payment Reconciliation, employing VB .NET, C#, VB, and SQL Server 2000.
- Provided technical guidance and mentorship to fellow development team members.

SENIOR SOFTWARE ENGINEER

SMARTNETWORKER INC., DALLAS, TEXAS | September 2001 to September 2003

- Managed the development and upkeep of in-house software applications supporting their Internet Marketing Business.
- Collaborated with the VP of Information Technology, offering support for the Internet technology roadmap, IT project progress, budget, customer support, and product development.
- Developed and managed applications, including SmartMailer, Internet Marketing Backoffice, Lead Management System, Campaign Management System, Genealogy, and Commission and Billing System.

SENIOR SOFTWARE CONSULTANT

BUCHANAN ASSOCIATES, DALLAS, TEXAS | August 2000 to August 2001

• Homebuilder.com

Worked in a team to develop an intranet web system to aid the customer service department to add, update, and monitor builder, community, contact, plan, corporation, school district, and manufacturer information.

• The Media Farm

Worked in a team of 4 to build a 3-tier E-Commerce solution to provide promotions and direct marketing programs to various clients.

Developed and managed a reporting tool to monitor publishers' royalty, Orders initiated, authorized, shipped, non-conforming orders, products shipped by category using ASP, JavaScript, SQL Server, Transact-SQL

• Jobs.com

Worked in a developer team to revamp new jobs.com web application. Worked on several backend applications including RESUMEBANK section for the employers to view and download resumes.

CONTRACT SOFTWARE DEVELOPER

VERIZON, DALLAS, TEXAS | June 1999 to July 2000

- Designed and developed a Client Management tool to monitor and administer GTE's ISP clients using ASP, MS SQL, COM, VB, MTS.
- Developed build scripts for production web servers.

CONTRACT SOFTWARE DEVELOPER

Texas Instruments, DALLAS, TEXAS | May 1998 to June 1999

- Developed an E-Commerce enabled corporate online store for TI where shoppers can buy DSP Software, hardware, workshops, and other development tools.
- Designed and developed two digital certificates enabled, highly secured extranet web applications called "World Wide Price Lists for Distributors" for USA and Europe.

EDUCATION

MASTER OF SCIENCE IN COMPUTER SCIENCE

University of Texas at Dallas, Dallas, Texas, USA

Major: Computer Science with Concentration in Software Engineering

BACHELOR OF SCIENCE

Western Kentucky University, Kentucky, USA

Major: Civil Engineering

AWARDS

Chancellor's Award and National Merit Scholarship: Received Chancellor's Award from the Honorable President of People's Republic of Bangladesh, Lieutenant General Hussain Muhammad Ershad, for securing 7th position in the Higher Secondary Certificate (HSC) examination out of approximately 75,000 students in 1985 from Rajshahi Cadet College under Rajshahi Education Board.

National Merit Scholarship recipient for securing 4th position in the Secondary School Certificate (SSC) combined merit list in 1983 under Rajshahi Education Board out of about 90,000 students. I was also featured in Bangladesh National Television and leading national newspapers.