

ORION BLACKSTOCK

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MS DYNAMIC365 ANALYST

Innovative and results-driven Programmer Analyst with 5 years of experience in the agriculture industry, specifically within the poultry sector, possessing strong communication and collaboration skills honed through working effectively with diverse teams and stakeholders. Skilled in the different phases of the software development life cycle, from design to testing, deployment, and post-launch support. Experienced in streamlining processes and integrating third-party applications with Microsoft Dynamics Axapta ERP. Expertise in developing user portals and designing robust databases using ASP.NET, .NET Core, and SQL Server within agile environments to enhance operational efficiency and scalability.

- Application Programming Interface (API) • Problem Solving • Database management • Azure DevOps
- System Administration • Software Integration • Team Collaboration • Continuous Improvement

Languages: C#

Web: HTML5, CSS

Web Services: RESTful API

Web/App Servers: IIS

Frameworks: .NET, ASP.NET

Databases: MS SQL, MYSQL

Design Patterns: Decorator

SDLC: Agile

Tools: MS Visual Studio, Visual Studio Code, Intelli J, Azure DevOps, Trello, Microsoft Teams Foundation Server, IIS, SSMS, SSRS, Dot Net Core, PowerShell, SCCM, DPM, MSSQL, Windows Server, Hyper V, VMWare

Platforms: Windows

Application/Software: Dynamics 365

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

JAMAICA BROILERS GROUP LIMITED, McCooks Pen, Jamaica • 07/2017 – 08/2024

A company that operates a vertically integrated poultry business, covering breeding, feed production, processing, and logistics for food production.

Senior Programmer Analyst (01/2021 – 07/2024)

Subordinate collaborates with the team to design, develop, test, and maintain high-quality software solutions.

- Exceeded expectations by developing a user authentication and application registration API using .NET Core and ASP.NET, eliminating redundant login features, enhancing security, and reducing development time by 10%.
- Built a user portal for administration staff on the farm using asp.net, resulting in a 20% increase in user experience, facilitating efficient tracking of data submitted by subordinates.
- Developed a data transfer tool integrating an off-domain feed management system with Microsoft Dynamics 365 using PowerShell, ensuring secure and efficient file transfers between systems.
- Architected and implemented a robust back-end database for a mobile farm data processing application using MS SQL, streamlining development processes and boosting efficiency by 40%.
- Implemented an enterprise integration solution connecting Microsoft Dynamics 365 and Dynamics Axapta 2009 using X++ and MSSQL, achieving a 30% reduction in user workload.
- Tested an in-house salary payslip application using comprehensive testing methodologies, uncovering multiple critical bugs and vulnerabilities to enhance overall software quality.

Programmer Analyst (07/2019 – 12/2020)

- Designed and implemented integration interfaces linking HighJump DSD with Microsoft Dynamics Axapta 2009 using X++, ensuring seamless data sync and cutting truck dispatch time by 30%.
- Analyzed business operations and gathered requirements to optimize the integration between the Inventory Management application and HighJump DSD using SQL, resulting in a 60% increase in processing speed.
- Developed custom features and dynamic reports for Microsoft Axapta 2009 using X++ and SSRS, delivering accurate and precise data on farmhouse birds to enhance decision-making and operational efficiency.
- Optimized the back end of the pallet labeling system using C# and SQL, boosting functionality by 40% while completely eliminating deadlocks and logging issues.

- Engineered a dynamic SQL query to produce comprehensive test data for 70+ trucks, streamlining HighJump DSD training sessions and achieving a 90% reduction in preparation time, enhancing trainer preparedness.
- Migrated customer and vendor data from Axapta 2009 to Dynamics 365 for US operations using SQL, Excel, and migration tools, ensuring a smooth go-live and boosting team morale.

System and Database Administrator (07/2017 – 07/2019)

- Deployed security patches to 800+ end-user clients and 100+ virtual/physical servers using SCCM, significantly enhancing system infrastructure resilience and mitigating security vulnerabilities.
- Successfully diagnosed and rectified Distributed File System problems through advanced troubleshooting, resulting in a 50% reduction in user profile loss risk and increased client trust.
- Managed Active Directory and DNS across sites in Jamaica, Haiti, and the U.S., enhancing network reliability and streamlining IT operations.
- Deployed and managed Azure Backup Server v2 agent on 100+ virtual machines using Azure Backup Server v2, enhancing data protection and ensuring seamless backup management.
- Executed and managed database migration for server infrastructure upgrade using database backup/restore tools and server configuration utilities to achieve seamless database transition and optimized server performance.

Technologies Used: C#, X++, Microsoft Visual Studio, Microsoft Dynamics 365, Microsoft Axapta 2009, SSMS, SSRS, Dot Net Core, PowerShell, IIS, SCCM, DPM, SQL, MSSQL, Windows Server, Hyper V, VMWare, AirWatch.

TAX ADMINISTRATION JAMAICA, Kingston, Jamaica • 07/2012 – 07/2017

The country's premier revenue agency, ensuring equitable tax collection and fostering economic growth.

System and Database Administrator

Managed DBMS for critical applications, ensuring data integrity, security, availability, and optimal performance.

- Integrated the new tax system with the legacy Informix system using VB.NET, ensuring a smooth go-live and boosting team confidence.
- Performed routine maintenance tasks on SQL Server 2012 databases using SQL maintenance scripts and performance tuning tools, ensuring optimal database performance and reliability.
- Developed and generated SQL-based compliance reports for Tax Compliance Department using SQL queries and Excel, achieving 20% increase in tax revenue through targeted compliance efforts.
- Conducted User Acceptance Testing (UAT) to validate database functionality and usability using UAT test scripts, ensuring system reliability and alignment with user requirements.
- Performed data cleaning processes to ensure accuracy and consistency of data using SQL scripts and Excel, enhancing data integrity and reliability.

Technologies Used: Informix, SQL, Excel, SQL server, Windows Server, Hyper V, VB.net.

ACADEMIC PROJECTS

Maharishi International Univrsity (2024)

- **Property Management System:** Property Management is built for property owners to list property for sale or rent. This system also features customers looking to rent or buy a property. Built with Spring Boot, MySQL, React and Material UI. Developed the backend with a scalable database, RESTful APIs, and JWT authentication using Spring Boot and MySQL.
- **FluentFit AI-Powered English Interview Coach Application:** FluentFit is an AI-powered web coach for job interview training, offering personalized feedback. Built with NodeJS, TypeScript, ExpressJS, AngularJS, and MySQL. Developed the backend with a scalable database, RESTful APIs, OpenAI integration, and JWT authentication.
- **MIU Policy Bank:** The MIU Policy Bank centralizes policies, improving accessibility and collaboration. Used NodeJS, TypeScript, ExpressJS, React, Tailwind CSS, and MySQL, enabling users to create, contribute, and upvote policies.

PERSONAL PROJECTS

Project Management System 2025: The Project Management System (PMS) streamlines project planning, execution, and collaboration with task management, tracking, and reporting tools. Built with React.js and Spring Boot for scalability and efficiency.

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 04/2027)

Maharishi International University, Fairfield, Iowa

Key Courses: Algorithms, Web Application Architecture, Web Application Programming, Modern Web Application

Bachelor Management Information System in Management Information System

Excelsior Community College, Kingston, Jamaica (08/2014)