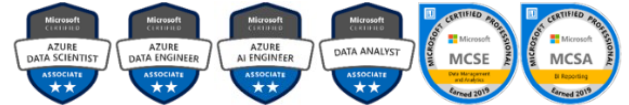


JESSICA JOHNSON



412.719.8104 | Hello@JessicaJohnson.net | linkedin.com/in/johnsonjm

PROFESSIONAL PROFILE

Innovative IT professional with 15+ years of experience working for a diverse group of organizations and clients. Data enthusiast with over 12 years in designing, developing, testing, and deploying data and analytics solutions. An organized and creative professional with proven skills and a desire to learn more. Looking to utilize my existing skill set to improve the strategy and provide actionable insights to key decision makers.

SKILLS

Languages: SQL, Python (Pandas, Numpy, Seaborn, Matplotlib, SciKit-Learn, Python Azure SDK), DAX, Markdown, JSON

Tools/Services: Azure Data Factory, Azure Synapse Analytics, Power BI, Azure Functions, Azure Key Vault, Azure Logic Apps, Azure Machine Learning Studio, Azure Data Lake, Azure SQL Database, SQL Server, PostgreSQL, Visual Studio Code, Jupyter Notebooks, GitHub

Areas of Expertise: Data engineering, Quantitative Analysis, ETL/ELT Design and Implementation, Data Warehousing, Data Modelling, Business Intelligence, Data Visualization, Data Storytelling

Skills: Agile Critical Thinking, Strategic Planning, Thought Leadership, Problem-Solving, Agile Project Management, Prototyping, Communication, Team Leadership, Time Management

WORK EXPERIENCE

MICROSOFT

Senior Content Developer / Python on Azure Lead

Nov/2020 - Present

- Create and maintain a data-driven, content strategy:
 - Automate telemetry, SEO, and external data collection to identify customer trends and opportunities to increase Python on Azure content discoverability.
 - Build developer profiles and journey maps aligned to personas driven by market research results.
 - Analyze content catalog to ensure business goal alignment in the areas of content gaps, health, and freshness.
- Design Python on Azure implementation guides with sample code for in-demand solutions:
 - Cloud-based, serverless ETL using Python on Azure
 - Machine Learning Operations (MLOPs) for Python models using Azure Machine Learning
 - Scalable Recommendation System using Azure Machine Learning
- Identify opportunities for cross-team collaboration to promote parity and enrich the customer experience.
- Active, nominated member of 'Change Champions', internal change management committee, to help adoption and provide feedback for organization process change.

Senior Premier Field Engineer (Data & AI)

Apr/2019 – Nov/2020

- As a Microsoft Certified Trainer and Subject Matter Expert (SME) increased and extended revenue-generating support contracts through proactive assessments and strategic, data-driven action plans created for customers.
- Operated at an average of greater than 90% contract utilization, with over \$1 million in contract hours, while contributing to various internal strategic projects and initiatives.
- Partnered with customers to architect, build, and optimize data pipelines, data models, and visualizations as part of end-to-end scalable cloud solutions.
- Created and delivered external, globally delivered Microsoft workshops in the areas of: Advanced Analytics, Power BI, and Azure Data Factory.
- Member of 'Data & AI Rangers' group focused on demand and resource skill matching driving by intake request analysis.

Technical Solutions Professional (Data & AI)

Jan/2018 – Mar/2019

- As a Trusted Technical Advisor to health and life science customers worked closely with the Account Teams for over 100 customers to create and execute a sales execution plan to ensure revenue goals are exceeded.
- Worked with key customer stakeholders and internal Account Teams to align to strategic digital initiatives, develop effective ROI analysis, and provide business value justification.
- Found and supported opportunities in securing the technology decision through deep subject matter expertise by delivering effective technical presentations, demonstrations, Architecture Design Sessions (ADSs), and proofs of concepts (POCs).
- Blocked competitors and shared their strengths and weaknesses during customer activity sessions.
- Nominated and selected Technical Community Lead and Technical Council Member for Health & Life Sciences organization aimed to lead by example and collaborate with top performers to identify solution for customer opportunities.

PRAGMATIC WORKS

Business Intelligence Consultant

Feb/2017 – Dec/2017

- As the Co-Technical Project Lead for engagements managed resources, client communications, project budget tracking, demand management, and prioritization of projects.
- As the Technical Quality Assurance Lead for multiple engagements, developed organization-wide, reusable testing strategy, guidelines and design patterns utilizing Pragmatic Works LegiTest software, T-SQL, and DAX.
- Work independently or as part of a project team to design and develop analytics and reporting solutions using Microsoft technologies: SQL Server 2016, SQL Server Integration Services, Power BI, SQL Server Analysis Services.

MEDEXPRESS

Senior Business Intelligence Developer

Oct/2016 – Feb/2017

- Led cross-functional project teams and working sessions with business partners to determine and translate business requirements into business intelligence solutions.
- Architected dimensional models to integrate multiple source systems: Athena, DocuTap and SharePoint.
- Mentored BI team members on business intelligence concepts and methodologies.

DUQUESNE LIGHT COMPANY

Business Intelligence Contract for OpenArc, LLC.

Mar/2016 – Oct/2016

- Led analysis, requirement gathering, algorithm building and end-to-end delivery of Azure modern cloud data warehouse program whose aim was to digitally transform legacy reporting system.
- Designed and implemented SQL Server Integration Services (SSIS) ETL framework with logging, data-driven configuration, and dimensional modelling patterns.
- Utilized Kimball multi-dimensional design principles to design various BI data models in SSAS and PowerBI.
- Designed and executed the test cases for various phases of testing integration, regression, and quality testing.

UNIVERSITY OF PITTSBURGH MEDICAL CENTER (UPMC)

Lead Product Data Analyst for Prodigio Solutions

Sep/2014 – Jan/2016

- Overhauled healthcare cost-savings opportunity pipeline by conducting comprehensive spend and contract utilization analysis using SQL Server 2014 and SQL Server Reporting Services (SSRS), reporting an average of 30% customer savings.
- Deployed SQL Server Integration Services (SSIS) extract, transform, and load processes to denormalize, cleanse, and standardize across Lawson, PeopleSoft, and Meditech ERP systems.
- Executed complex ad-hoc SQL queries when immediate data access was required.

Data Warehouse Data Modeler for Via Oncology

Jan/2013 – Sep/2014

- Developed data transformation processes with Integration Services (SSIS) using T-SQL procedures, triggers, functions to extract, stage and load warehouse data.
- Created automated ETL build and deployment system using Maven, PowerShell, SSIS API and TFS.
- Synchronized data models, dictionaries, and other database documentation across customer environments.

WEST PENN ALLEGHENY HEALTH SYSTEM

Associate Data Warehouse Developer

Aug/2011 – Jan/2013

- Implemented several mission-critical enterprise-wide tactical and operational actionable reports and dashboards based on the IBM Cognos 10.1 suite.
- Collaborated key business stakeholders and Subject Matter Experts to design analytic data structures to meet operational and tactical business needs.
- Built efficient Talend ETL packages for processing fact and dimension tables with complex transforms, slowly changing dimensions, cross system integration processes to support physician billing and finance data marts.
- Designed, developed, and maintained various Cognos 10.1 OLAP cubes containing business critical KPIs to represent aggregations in several different ways - hierarchically and custom groupings.

PREVIOUS EMPLOYMENT

.NET Software Developer

Nov/2010 – Aug/2011

Technosystems Service Corp/InventHelp (Pittsburgh, PA)

.NET Software Contractor

Aug/2010 – Nov/2010

JH Technical Services (Pittsburgh, PA)

Research Fellow (Computational Biology & Computer Science Department)

May/2010 – Sep/2010

University of Pittsburgh (Pittsburgh, PA)

.NET Web Developer (PART-TIME)

Feb/2009 – Jun/2010

CedarStore.com (Gibsonia, PA)

Information Systems Intern (PART-TIME)

Jan/2007 – Feb/2009

United Steelworkers Union (Pittsburgh, PA)

EDUCATION

MASTER OF SCIENCE, Health Informatics

Northeastern University

BACHELOR OF SCIENCE, Computer Science

University of Pittsburgh

CERTIFICATIONS

MICROSOFT CERTIFIED SOLUTIONS EXPERT (MCSE)

Data Management & Analytics

MICROSOFT CERTIFIED SOLUTIONS ASSOCIATE (MCSA)

BI Reporting

MICROSOFT CERTIFIED SOLUTIONS ASSOCIATE (MCSA)

Data Engineering

MICROSOFT CERTIFIED SOLUTIONS ASSOCIATE (MCSA)

Data Scientist

MICROSOFT CERTIFIED SOLUTIONS ASSOCIATE (MCSA)

AI Engineering

MICROSOFT CERTIFIED SOLUTIONS ASSOCIATE (MCSA)

Data Analyst

MICROSOFT CERTIFIED TRAINER (MCT)

INTERMEDIATE SKILLS CERTIFICATE

Oracle 9i / Oracle Internet Academy