

# Arif Ahmed

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## EDUCATION

### Rutgers University-New Brunswick

New Brunswick, NJ

Bachelor of Arts in Information Technology and Informatics

2022 - 2026

Minor in Digital Communication, Information, and Media

- **Relevant Coursework:** Data Technology (SQL), Object-Oriented Programming (Python), Web Design, Data 101(R), Human-Computer Interaction, Management of Technological Organizations, Social Informatics, Machine Learning, Machine Learning (Python)

### TECHNICAL SKILLS

- **Software:** Visual Studio, SQL Server Management, XCode, Visual Studio Code, Adobe Creative Cloud, Power BI, Tableau
- **Database Management:** MySQL, Azure, SQL Management Studio
- **Programming Languages:** C, Swift, Python, SQL, CSS, R, PHP, JavaScript, React, CSS3, HTML5
- **Databases:** Microsoft SQL Server 2019, Oracle, Data Mining, and Machine Learning.
- **Operating Systems - Project Management:** Windows, Linux, Monday.com, Jira Software, Azure DevOps
- **Tools & Software:** Microsoft Office, HTML, XML, Adobe Photoshop, Tableau, SAS (Statistical Analysis System) Data, Azure, Google Cloud Platform (GCP), GIS, Personal Homepage, UI/UX Design, Figma, GitHub, Adobe Creative Cloud, Google Workspace

## EXPERIENCE

### Technical Operations Manager

New Brunswick, NJ

DIVISION OF STUDENT AFFAIRS | RUTGERS UNIVERSITY-NEW BRUNSWICK

2022-Present

- Directed operations for the 37,000 sq ft Rutgers Busch Student Center, supervising 30 student employees and ensuring seamless execution of over 5,000 annual events
- Coordinated setups ranging from 6 to 15+ pieces of technical equipment, including soundboards, K8 speakers, one-channel/four-channel mixers, wired and wireless microphones, and portable projectors
- Troubleshoot software, hardware, and other network issues that persisted on over 30 computers and laptops throughout the facility, ensuring minimal downtime and excellent client satisfaction

### Data Analyst

Springfield, Illinois

MORDEN CODE HUB

2023 - Present

- Designed and maintained end-to-end ETL pipelines using Azure Data Factory, Azure SQL, and Python, integrating multi-source vendor and client data into optimized relational databases, stored procedures, and views to ensure data accuracy
- Developed and deployed advanced analytics and Power BI dashboards with DAX, Excel, and GIS-enabled geospatial insights, while applying Python (Pandas, NumPy, Scikit-learn) for statistical modeling and forecasting, contributing to a 50% increase in client acquisition and retention.
- Automated reporting and production workflows through Azure services (Data Factory, SQL, DevOps) and Git-based version control, enabling scalable, collaborative, and cloud-ready data solutions for enterprise and client-facing applications

### Team Lead

New Brunswick, NJ

THE COMMENCEMENT GROUP

2022-2025

- Exceeded sales goals by an average of \$2000 for graduation merchandise as a Team Lead who oversaw a team of 5 employees
- Supervised high-traffic events that had 500- 1000+ attendees by setting up hours in advance and using a strategic site location that led to a 15% increase in customer interaction

### Developer & IT Support Specialist

Paterson, NJ

RAST | RASOFT TECH |

2022-2024

- Designed and developed web and e-commerce applications using HTML, CSS, JavaScript, and modern frameworks, including a prototype Instacart Shopper App that enhanced batch sorting/filtering features, improving user workflow and task
- Built and deployed custom business web solutions and supported nonprofit organizations with scalable, user-friendly applications, modern design patterns, digital marketing processes, increasing digital accessibility, and client engagement.
- Managed 3-4 concurrent short-duration projects by providing end-to-end support, troubleshooting, and client-facing help desk services, ensuring all deliverables were completed on time and met client expectations.

## PROJECTS

### Structured Query Language Data Management (SQL)

- Optimized SQL queries to manage Rutgers Employee Data and other large datasets containing over 100,000 datasets

### Stock Price Predictor (Python)

- Built a Long Short-Term Memory (LSTM) machine learning model to assist with forecasting stock trends using historical data and leveraged Pandas, Keras, and Matplotlib

### Sales & Customer Insights Dashboard: (SQL/Python)

- Built an end-to-end Azure Data Factory pipeline to integrate multi-source sales data into Azure SQL, ETL, and analysis, and delivered Power BI dashboards with DAX, churn modeling, driving accurate forecasting and revenue growth insights.

### Supply Chain & Vendor Performance Analytics:

- Automated vendor data ingestion via Azure Data Factory, Azure SQL, optimized KPIs with SQL stored procedures, and built GIS-enabled Power BI dashboards to track delivery performance, reduce delays, and optimize procurement strategy.

## ADDITIONAL INFORMATION

- **Languages:** English (Fluent), Bengali (Fluent), Hindi (Fluent). Personal, professional references are available upon request.