ADITI SHRIVASTAVA

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Accomplished data-driven professional with proven ability to derive actionable insights from large datasets, translate business requirements into tangible solutions. Delivering value through advanced data analytics, business intelligence and strategy-driven problem solving. Motivated and adaptive learner of new technologies, eager to practice advanced data engineering and analytics.

EDUCATION

Master of Science in Information Management, Syracuse University |**Data Science Specialization**	GPA- 3.6/4	*Aug 18 - Present*
Post Graduate Diploma in Computer Application, Devi Ahilya University, India *(Gold Medalist)*	GPA- 4/4	*Jul 16 - Jun 17*
Bachelor of Engineering in Electronics & Communication, Rajiv Gandhi Technical University	GPA- 3.7/4	*Jul 12 – Jun 16*

SKILLS & EXPERTISE

Data & Quantitative Analysis	Data Warehousing/ Business Intelligence	Data Visualization
Cross-functional Collaboration	Database Modelling & Management	Process Optimization

Pogramming and Database : Python, R, Java, SQL, Pl/SQL, MySQL   **Big Data**: Hadoop, Redshift, Spark, Hive, MapReduce, Scala, Weka
Data Analysis: Excel, Tableau, AWS, MATLAB, Google Analytics   **Business Intelligence** : Visual Studio, SSIS, SAS, SSRS, Power BI, Qlik

PROFESSIONAL EXPERIENCE

Data Science Intern – Machine Learning | Berkshire Hathaway Shoe Holdings Inc. |*Decision Analytics, Python*   *May 19 – Present*
Architecting, developing and implement prediction systems using machine learning models to accurately predict the merchandising activities
- Formalized strategies to improve the performance of KPIs by developing data models for reducing the inventory overflow by 21%
- Optimized business strategic planning by furnishing Executive Team(CEO,CIO,CTO) with insights, reports, recommendation on sales data
- Coordinated project activities across multiple department (Merchandising, IT, Sales) and geographical regions (USA and India)

Research Data Analyst| Smart Grid Research Center, Syracuse University |*Python, SQL, Tableau, Strategy Analytics*   *Feb 19 - Present*
Implementing predictive modelling, data processing and dashboard development for granular energy utilization grid data of 1200 houses
- Performed qualitative and quantitative analysis on research data and documented research reports for improved energy management
- Deployed and implemented data regression test to migrate data from disparate sources and of its affiliates into one centralized system
- Demonstrated >25% effective energy management by recommending power saving methods through analytical data reporting

Business Intelligence Analyst | iConsult, Syracuse | *SAS, ETL, Data Warehousing, Forecasting*   *Feb 19 - Present*
Designing, developing & implementing a Big Data Warehouse for healthcare client using SQL server, translating requirements to BI solutions
- Developed PL/SQL packages to load the data warehouse and optimized ETL performance to reduce response time of system by 17%
- Created interactive dashboards, conducted ad-hoc analysis & operationalized data process by converging multiple distributed databases

Software Developer | Ypsilon IT Solutions Pvt. Ltd | *Java, Stakeholder Analysis, JIRA, SDLC, Data Technologies*   *Jul 17 - Jun 18*
Analyzed business requirements, developed data management and software applications to integrate business process models of systems
- Led database administration and deployed advance data mining algorithms to promote data security and maintain integrity
- Operationalized data processes, directed project progress and implemented actionable reports to reduce downtime error by 16%
- Derived insights from business information and implemented statistical data models with technology solutions recommendations
- Acquired 12 new high value clients by getting referrals from existing clients by successfully managing client relationship & retention

RELEVANT PROJECTS

Data Analytics Specialist |Client-Inventory Management System, Cin7, NZ | *SQL, Excel, Pattern & Trend Identification*
- Developed portal for Cin7 to facilitate the client interface and inventory system & provided actionable insights for business improvement
- Led requirement gathering sessions with data governance analysis to define business rules & deployed SQL procedures for automation
- Developed complex SQL queries for creation, deployment, maintenance and troubleshooting large datasets for analytical data reporting

Data Analyst | Kruze- Android app & bus-booking system |*Tableau, SQL, Data Quality Assessment, Dashboard Development*
- Developed data management application with automated updates of the buses routes and traffic for enhanced customer experience
- Extracted, interpreted and analyzed large dataset to identify key performance metrics and expedited data retrieval process by 23%

Business Intelligence Engineer| Brand-Bucket – E-shopping Portal | *ETL, Troubleshooting & Debugging, Data Modelling*
- Executed fully tested database system, deployed BI tools, created solution that drive automation, scalability and optimization of data
- Created application in Microsoft Business Intelligence Stack (SSIS, SSRS, SSPS) for performance optimization & boosted sales by 18%

LEADERSHIP EXPERIENCE

- **Trainer & Ambassador** - **#IamRemarkable by Google** – Facilitating workshops to empower underrepresented groups at workplaces
- **Graduate Student Researcher - Nexis Student Technology Lab -** Developing data science projects & researching on new IT technologies
- **Graduate Mentor, Syracuse University** –Advising and guiding 30+ fresh grad students with career, coursework & campus involvements