AKASH M DUBEY

Boston, MA | dubey.ak@husky.neu.edu | (617)959-2041 | www.linkedin.com/in/akashmdubey | github.com/akashmdubey

EDUCATION

MS in Information Systems (Computer Science) | Northeastern University, Boston, MA | GPA 3.7   **May 2021**
Courses: Designing Advance Data Architecture and Business Intelligence, Database Management and Database Design
Application Engineering Development, Data Science Engineering Methods and Tools

BE in Electronics and Telecommunication | TCET, Mumbai University, Mumbai, India | GPA 3.5   **May 2017**
Courses: Structured Programming Approach, Object Oriented Programming, Business Communications and Ethics

SKILLS

Database:	Microsoft SQL server, MySQL, PostgreSQL, Oracle 11g
Data Integration:	Talend Master Data Management, Alteryx, Microsoft SQL Server Integration Services (SSIS)
Business Intelligence:	Tableau, Microsoft Power BI, ER Studio Data Architect, Qlik Sense, PowerPoint, MS Excel
Programming Languages:	Python, Java, C#, SQL; *Python Libraries*: Pandas, NumPy
Statistical Analysis:	Linear Regression, Logistic Regression Decision Tree, Random Forest, Boosting
Business Analysis:	Requirement elicitation and documentation, functional testing, use cases, UML
Software Methodologies:	Waterfall, Agile, BABOK, SAFe
Other tools:	Jupyter Notebook, NetBeans, MS Visio, JIRA, Adobe Analytics, GitHub, Bit Bucket, SSMS, Kaggle
Certification:	Google Analytics, Tableau desktop specialist (in process), Power BI badge (LinkedIn Learning)

PROFESSIONAL EXPERIENCE

Software& Business Intelligence Analyst – Financial Services | Accenture, Mumbai, India   **Dec 2017 – Aug 2019**
Awarded as 'Excellent Team Player' for key contribution in Project throughout the year

- Enhanced existing Business Software architecture using client **requirements** such as scope, process, alternatives and risks to feed input for developing and modifying system as per client's needs & generated prediction **reports** for the same on **PowerBI**
- Analyzed client's technical and business requirements through document analysis, evaluation and work flow analysis
- Built **Interactive Dashboards** to analyze customer sales and assisted client for making decisions on the data **infographics**
- **Led the team of 10** to migrate **MS-SQL** database to **MY-SQL** database with conversion of **107** stored procedure, triggers, functions and database schemas within **25** days which reduced server cost to **25%**
- Advanced to all phases of **SDLC** – Plan, Design, Development and Testing and coordinated with Client within each sprint cycle
- Designed software framework of new business lines; through data modelling of new products, conceptualization and storyboarding through PowerPoint as per product **strategy** and use case
- Led a team of **6** people to establish and promulgate best practices for version control for entire project
- Worked with post deployment team to resolve bugs that helped in increasing application stability by **30%**

Associate Business Data Analyst |Vaisansar, Mumbai, India   **June 2017 - Dec 2017**

- Served as a liaison between business & technical personnel to ensure a mutual understanding and managed several stake holders across various teams to further innovate existing capabilities
- Collected transactional data from Microsoft SQL server by performing computations through queries
- Generated **dashboards** & visualizations for displaying insights on client data through **tableau** and **power bi**
- Implemented **regression model** to estimate customer investment towards organization profit

ACADEMIC PROJECTS

Data Warehousing and Business Intelligence | ER studio Data Arch, SSIS, Qlik Sense PowerBI, Talend   **Jan 2020-Present**

- Performed Data modelling, Data Profiling on AdventureWorks Database using **SQL** Server and **ER studio** Architect
- Devised Data Warehouse Model for Retail Data using **Talend** & **SSIS** to design jobs for integrating data from multiple sources like **SQL** scripts, **XML** files, **Excel**, **Spreadsheets** & Implemented Slowly Changing Dimensions (**SCDs**) to integrate data in Talend
- Built **dashboards** in Power BI based on Product Sales, Online Sales & reject analysis to help stakeholders derive business strategies

Online Food Delivery Management System | SQL Server, Toad Data Modeller, Power BI   **Sept 2019 - Dec 2019**

- Designed **ER** model for Transactional Database and dimensional models for data warehouse for a food delivery company
- Created SQL **DDL** script to generate database structure and construct the **32** tables in MS SQL Server
- Delineated the **Entity Relationship** model considering the necessary database tables using Toad Data Modeler
- Constructed more than **10** triggers, **13** Stored Procedures, **8** Functions,**3** Encryption keys and Subqueries
- Performed database functionalities such as User roles/Privileges for **5** User logins, **3** Views to display subset of information, Table Locks to restrict Table WRITE operations

'AASHA' Food Management System | Java swing, DB4Outil   **Oct 2019 - Dec 2019**

- Developed a multiparty application using JAVA swing components on *Ecosystem Software Architecture* which deals with streamlining the food supply from food retailers that are actively looking to donate to homeless shelter or similar enterprises
- Maintained **centralized database** using **JAVA DB4Outil**; engineered features like *PDF report generation and Email alerts*