WASEEM PASHA Mohammad

+1 773-930-2240 | wmohammad@hawk.iit.edu |

EDUCATION

Illinois Institute of Technology, *Chicago, IL* *GPA: 3.55/4*

Master's in Computer Science ***(Aug 2023-present)***

Relevant Coursework: Computer Networks, Introduction to advance studies, software engineering, Database Organization, Big Data Technologies, Science Of Programming, Data preparation and analysics, Advance database organization, Enterprise web development

TECHNICAL SKILLS

Certification: Data Science professional ,Data Structures + Algorithm

Programming Languages: C, Java Script, Python (Pandas, Seaborn, NumPy), MATLAB (image processing toolbox) MYSQL, HTML, CSS,

Applications: Jupiter, Git, React.js, Node.js, Power BI, Collab, tableau, pyspark, azure

Operating Systems/Frameworks: Windows, Mac OS

WORK EXPERIENCE

SourceOne, Hyderabad, India **(Oct 2022 – July 2023)**

Frontend Developer

worked as a frontend developer in SourceOne.

- Created customizable templates using HTML5, CSS3.
- Assisted new and existing clients with content on their websites.
- Regularly update customers' websites with content.
- Close cooperation with the backend team, designers and managers.

ACADEMIC PROJECTS

Development of a Full-Stack Smart Home Retailer Platform (React.js, Node.js, MongoDB, MySQL, Open Al) (Sept 2024 - DEC 2024)

Designed an e-commerce application with modules for product browsing, secure checkout, and order placement supporting instore pickup and home delivery.

- **Integrated Databases for Seamless Data Management:** Utilized MySQL for inventory, customer accounts, and transactions, and MongoDB for storing and retrieving customer product reviews.
- **Implemented Advanced Analytics and Reporting:** Built dashboards for trending analysis, sales reports, and inventory summaries, using Google charts for data visualization.
- **Enhanced User Experience with AI and Search Features:** Developed semantic search for product reviews and recommendations using OpenAI embeddings and Elasticsearch for efficient storage and querying.
- **Added Customer Service and Automation Features:** Created a ticketing system for shipment issues with image uploads and automated decision-making powered by OpenAI GPT models.
- **Optimized Platform Functionality:** Integrated a search auto-complete feature, ensured real-time data updates, and adhered to MVC architecture and object-oriented principles for reusability and scalability.

Business Intelligence Solution for Axon's Sales Data Analysis (MySQL, Collab, python, NumPy, pandas, Power BI**) Oct 2023 – DEC 2023)**

Develop and implement a Business Intelligence (BI) tool using Microsoft PowerBI and SQL to assist a classic car retailer, Axon, in managing and analyzing their sales data.

- **Data Integration and Management:** Imported and integrated data from a MySQL database into PowerBI, ensuring a centralized system for data management.
- **Data Cleaning and Transformation:** Cleaned and transformed raw data to make it suitable for analysis, focusing on removing duplicates, handling missing values, and ensuring data consistency.
- **Dashboard and Report Development:** Designed interactive dashboards and reports in PowerBI to aid the sales team and management in understanding and utilizing the data effectively.
- **Advanced Analytics:** Utilized MYSQL for in-depth analytics to extract insights aimed at improving company sales and supporting data-driven decision-making.

Healthcare Database Management Application **(Jan 2024 - May 2024)**

- **CLI Application Development**: Designed and implemented a Command-Line Interface application for healthcare database management using Python and MySQL.
- **Database Management Features**: Integrated CRUD operations, dynamic schema handling, and advanced SQL functions (NTILE, cumulative distribution, CUBE, and ROLLUP).
- **Data Analysis and Operations**: Included features for calculating averages, counts, and min/max values, as well as executing set operations like UNION and INTERSECT.
- **Outcome and Stack**: Enhanced functionality and usability of the healthcare database system using Python, MySQL, and MySQL Connector.