WASEEM PASHA Mohammad

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

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 analysis, Advance database organization, Enterprise web development

TECHNICAL SKILLS

Certification: Data Science professional ,Data Structures + Algorithm

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

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

Gen AI & LLM's : Lang Chain, Lang Graph, AutoGen, OpenAI API, Vertex AI, Rasa, Prompt Engineering.

Web Development: HTML, CSS, JavaScript, React, Bootstrap, jQuery,React.js,Node.js,Next.js

WORK EXPERIENCE

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

Frontend Developer

Developed interactive and dynamic UI components using **React.js, HTML5, and CSS3** to create customizable templates.

• Assisted clients in managing and updating content on their React-based web applications.

• Regularly maintained and enhanced customer websites with new features, UI improvements, and performance optimizations.

• Collaborated closely with backend developers, designers, and project managers to ensure seamless integration and user experience.

ACADEMIC PROJECTS

Development of a Full-Stack Smart Home Retailer Platform (React.js, Node.js, MongoDB, MySQL, Open AI)   (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 & Analytics**: Imported and integrated MySQL data into PowerBI, ensuring centralized management and conducting in-depth sales analytics by cleaning data, removing duplicates, and handling missing values.
- **Dashboard & Reporting**: Designed interactive PowerBI dashboards and reports to assist sales teams and management in making data-driven decisions.

Interactive Robot Directory(React.js-Vite)   **(Dec 2024 - Jan 2025)**

- Developed a React.js application with a dynamic UI, implementing reusable components like SearchBox.jsx for efficient state management and user interactions.
- Optimized performance using create Root from React 18 and integrated event handling for real-time search functionality.
- Designed a responsive UI with custom fonts (SEGA LOGO FONT) and styling, leveraging CSS and Tachyons for a modern and accessible design.
- Ensured maintainability by following component-based architecture and implementing best practices for scalability in frontend development