Abhilash Kalyan

✉ abhilash.kalyan2000@gmail.com | ☎ +1 (414) 388-8035 | in abhilashkalyan | 📍 Milwaukee, WI 53202

Professional Summary

Detail-oriented Data Analyst with 3+ years in manufacturing data management, achieving 99.5% accuracy and 40% error reduction with SQL/ETL. Since June 2025, evolving into an AI Generalist, actively learning and applying AI techniques (ChatGPT, fine-tuning) to automate workflows, boosting productivity by 25%. Eager to enhance production documentation with innovative data solutions.

Education

University of Wisconsin Milwaukee - *Masters, Information Technology & Management*	*Sept 2023 – Dec 2024*
GITAM University, Bangalore - *Bachelor of Technology*	*Aug 2017 – May 2021*

Experience

AI Generalist *Self-Employed* — *Milwaukee, WI June 2025 – Present*

- Actively learning AI foundations (ChatGPT, Claude), applying prompt engineering (Zero-shot, Few-shot) to boost efficiency by 20% on projects.
- Developing and applying fine-tuned models with TensorFlow, creating an FAQ chatbot reducing query time by 25%.
- Experimenting with and applying Midjourney/ElevenLabs to automate content pipelines in under 2 weeks.
- Learning and implementing Zapier/ChatGPT automations, cutting task time by 30% across 5+ projects.
- Continuously learning and applying transfer learning with CrewAI, targeting a lead qualifier bot by Dec 2025.

Data Analyst *University of Wisconsin Milwaukee* — *Milwaukee, WI Sep 2023 – May 2025*

- Built SQL ETL pipeline for 15K+ daily transactions, cleaning 500K+ records, increasing order value by 12%.
- Validated production data, optimizing 200+ SKU reorder points, reducing waste by 15%, boosting turnover from 12x to 18x.
- Designed 5 Power BI dashboards with 25+ DAX measures for automated trend analysis.

Technical Consultant *Terex Cranes (LTI Mindtree Client)* — *Hyderabad, India June 2021 – Aug 2023*

- Led SQL pipelines (PostgreSQL, MS SQL Server) for 500+ product attributes, improving accuracy by 25%, reducing errors by 40%.
- Documented lot codes/batch numbers with 99.5% accuracy, supporting ERP and audits.
- Automated reporting with Python (Pandas, Matplotlib) and Excel (PivotTables, VBA), cutting time by 35%.
- Built Tableau/Power BI dashboards for 15+ KPIs, enhancing efficiency by 30%.
- Managed Agile/Scrum teams via Jira/Confluence for on-time analytics delivery.
- Developed Home Loan web app with HTML, CSS, Angular, Java, Spring Boot.

Data Analyst Intern *GITAM University* — *Bangalore, India Jan 2021 – May 2021*

- Analyzed enrollment data with Excel/SQL, delivering insights for management planning.

Technologies

Languages: SQL, Python, R, Java, JavaScript, HTML, CSS, BML, BMQL, TensorFlow, ChatGPT

Data Analysis & Visualization: Excel (PivotTables, VBA), Power BI, Tableau, Pandas, NumPy, Matplotlib, Midjourney, ElevenLabs, Zapier

Database & Data Management: PostgreSQL, MS SQL Server, DBMS, ETL, Data Cleaning, Inventory Control, Lot/Batch Traceability

Project Management: Agile, Scrum, Jira, Confluence, Stakeholder Communication

Projects

- Designed PostgreSQL database for 50K+ transactions with SQL/Python ETL, improving reporting efficiency by 35%.
- Built fine-tuned FAQ chatbot with ChatGPT/TensorFlow, enhancing accuracy by 30%.
- Automated content pipeline with Midjourney/ElevenLabs/Zapier in 2 weeks.
- Developed Home Loan web app with HTML, CSS, Angular, Java, Spring Boot.

Self-Learning & Development

- Actively learning and applying AI skills via YouTube/Coursera, focusing on fine-tuning, no-code agents, and transfer learning with TensorFlow/CrewAI.