

# IMRAN ABBAS

## Software Engineer

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## Profile

Dedicated Software Engineer with expertise in Backend Engineering , Machine Learning AI and Data Science. Proven experience in building data pipelines, automation tools, and cross-platform integrations to optimize business processes.

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## Professional Experience

### Software Engineer at Store & Send Logistics, Kuala Selangor | Mar 2022 - Present

- Integrated ODIN (Cloud Fulfillment Software) with Oracle NetSuite ERP using Node Js to enhance order management and data flow.
- Designed and implemented scalable microservices to enable seamless data integration across multiple e-commerce platforms, ensuring real-time order processing and inventory synchronization and reduced data landing time by 30%.
- Developed web-apps using Flask and FastAPI for efficient product and customer data management.
- Implemented chat integration across 82 e-commerce stores, consolidating customer inquiries into a single platform, resulting in reduction in response time and a 25% improvement in customer support efficiency.
- Designed an auto-reporting system which reduced the reporting time by 75%, enabling faster decision-making and streamlined data analysis.

### Software Analyst at Afiniti Software Solutions, Karachi | Apr 2021 - Feb 2022

- Built an NLP-based chatbot using TensorFlow, Keras, and Scikit-learn for intent classification and entity recognition, performing with 94% accuracy on client's test data.
  - Extracted CRM data via Salesforce API for PostgreSQL databases.
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## Other Projects

- Designed personality trait predictor, achieved 93% accuracy using NLP and XGBoost.
- Designed a bank statement reconciliation application using OCR and LLM technologies, automating the reconciliation process and significantly improving accuracy and efficiency.
- Developed a sales-chatbot over content of YouTube videos, utilizing open-source LLM.
- Designed CRM system for tax filing services for an international company.

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## Technical Skills

- **Data Engineering:** Apache Airflow, Kafka
  - **Programming:** Python, Node.js, SQL
  - **AI/ML:** TensorFlow, Keras, Scikit-Learn, NLTK
  - **Data Analytics:** Pandas, Numpy, Matplotlib, Plotly
  - **Web Frameworks:** FastAPI, Flask, Django, Express Js
  - **Databases:** Oracle, PostgreSQL, MySQL, MongoDB
  - **DevOps:** Docker, Linux, Git
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## Education

**M.Sc. Data Science** (Aug 2024 - Present)

*FAST-NUCES, Karachi*

**B.E. Computer Systems Engineering** (Nov 2017 - Nov 2021)

*NED University of Engineering & Technology, Karachi | 3.756 CGPA*