

## SUMMARY

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Data Analyst **expertise** in data-driven decision-making, **financial reporting**, and process optimization. Proactively utilizes tools like SAP (FI/CO), **Python**, **SQL**, and **Power BI** to refine procedure, put solutions into action, and enhance operations. Skilled in analyzing and visualizing complex datasets to deliver **actionable insights** and develop **strategic plans**. Recognized for **initiating improvements** that optimize workflows and drive organizational success.

## PROFESSIONAL EXPERIENCES

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### Data Analyst Intern | [Alan Wire Company](#) | Summer '24

- Partnered with **diverse teams** to ensure **timely delivery** of data solutions, aligning outcomes with organizational goals.
- Decreased data interpreting time by 60%** by implementing efficient data transformation and cleaning techniques employ **Python** and **SQL (Azure data studio)** modified workflow efficiency.
- Built **10+ comprehensive dashboards** and reports operating **Power BI**, **MetaBase**, and **Advanced Excel**, uncovering trends in business performance and support key business decisions.

### Senior Accountant | Tak Pardazesh Behine Pezhvak

- Conducted in-depth analysis and **reconciliation of fiscal records** leveraging **SAP (FI/CO modules)**, **reducing discrepancies by ~95%**. ensuring compliance with accounting standards.
- Executed **data controls** to raise accuracy by 30% and diminish manual errors by 25%, bettering reporting reliability.
- Directed financial mechanisms** with **Microsoft Office** and **CRM tools**, cutting report generation time by **50%** and enabling real-time decision-making for management.
- Streamlined and supervised** Procure-to-Pay (P2P) workflows, including vendor management, and purchase requisition optimization, coordinating efforts across departments to advance operational efficiency.

## PROJECTS

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### KPI Dashboards for Shipping Costs and Performance

- Handled and analyzed** datasets of over **70,000** rows operating **Pandas**, **NumPy**, **Matplotlib**, boosting data reliability and operational **accuracy**.
- Designed interactive dashboard in **MetaBase** and exploited **Power BI** with **DAX** calculations for **visualizing supply-chain analysis of shipping performance**.
- Facilitated **data-driven** assessing of shipping metrics, aiding **decisions**, revamped **cost efficiency** and delivery outcomes.

### Automated Cloud-Based Email Automation Service.

- Created and **executed** a serverless email automation system deploying **AWS (SES, Lambda, S3)**.
- Automated** marketing workflows, customer **communication** and engagement increasing efficiency and scalability.

### Chest X-Ray Medical Diagnosis System

- Standardized** and resized image data exploit **CLAHE** to restructure contrast, making subtle details more visible.
- Augmented images to address class imbalance, ensuring consistent model performance and cutting down risks of misdiagnosis.
- Tuned **classification models** using Python (TensorFlow and Scikit-learn), SVM, XGBoost, and ResNet50 algorithms and ensemble learning techniques, achieving 97% accuracy manipulating a fine-tuned XGBOOST model.

## EDUCATION

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### Southeast Missouri State University | Missouri, United States | MS of Computer Science

- Experience:** Graduate Assistant in The Office of International Education and Services
- Awards:** 2022-2023 Merit scholarship | 2023-2024 Honor Society for the Computing and Information Disciplines

### Raja University (RU) | Bachelor of Accounting and Auditing