

BASEL TALAL ALAHMADI

+966 547 011 080 | contact@baselalahmadi.com | Saudi Arabia
Portfolio: www.baselalahmadi.com | LinkedIn: [linkedin.com/in/basel-alahmadi-64ba11320](https://www.linkedin.com/in/basel-alahmadi-64ba11320)

SUMMARY

Data Analyst with a Computer Science background, currently working at Naseej Foundation for Non-Profit Sector Development. Experienced in transforming raw data into actionable insights through data analysis, dashboard development, automation, and AI-powered solutions. Skilled in database management, business intelligence, and workflow automation, with a strong passion for leveraging technology to improve operational efficiency and support strategic decision-making. In addition to my professional work, I develop independent AI and automation projects showcased in my portfolio: www.baselalahmadi.com.

EXPERIENCE

2026 – Present Data Analyst — Naseej Foundation for Non-Profit Sector Development

- Analyze non-profit sector data to generate strategic insights that support executive decision-making and measure organizational impact.
- Develop interactive dashboards and KPI reports that enable leadership to monitor performance and make data-driven decisions.
- Automate data collection, processing, and reporting workflows, reducing manual effort while improving accuracy and operational efficiency.
- Design, manage, and optimize databases to ensure data integrity, consistency, and seamless information flow across systems.
- Apply AI and machine learning techniques to support predictive analytics and improve operational processes.

PROJECTS

Faheem — Graduation Project — AI Assessment Generator fahim-xi.vercel.app

- Developed an AI-powered web application that extracts text from PDF documents and automatically generates assessments.
- Designed an intelligent question-generation engine capable of producing multiple question types across different difficulty levels.
- Built and integrated a PostgreSQL database with OpenAI APIs to enable secure and efficient data processing.
- Technologies: Python, Django, Angular, OpenAI API (GPT-4), PostgreSQL, PyPDF2.

Rasd — Infrastructure Failure Prediction Platform rasd-platform-eta.vercel.app

- Developed an AI-powered platform that predicts infrastructure failures using real inspection data.
- Built a prioritization engine that classifies maintenance risks and generates executive-level analytical reports.
- Designed as a proof-of-concept using a real Madinah infrastructure case study.

Nazim — AI Workflow Automation nazim-site.vercel.app

- Developed an AI workflow automation platform that automates end-to-end business processes.
- Integrated Human-in-the-Loop (HITL) approval for sensitive decisions to ensure governance and compliance.
- Logged every workflow action to provide complete auditability and transparency.

Smart Assistant — AI Automation Suite

- Developed a ready-to-deploy AI automation toolkit covering six different business functions.
- Created reusable prompt libraries and workflow templates to accelerate AI adoption across organizations.
- Designed integration-ready automation scenarios suitable for enterprise environments.

EDUCATION

June 2025, Saudi Arabia Bachelor's Degree in Computer Science — Taibah University

- Designed, developed, and tested software applications throughout academic projects.
- Collaborated on software engineering projects addressing real-world business challenges.
- Studied algorithms, databases, cybersecurity, artificial intelligence, and software engineering principles.

English Language Certificate — International Language Center (ILC), Colchester, United Kingdom

SKILLS

Hard Skills: Data Analysis, Data Visualization, SQL, Python, Power BI, Microsoft Excel, Database Design & Management, Machine Learning, Artificial Intelligence, Workflow Automation, Business Intelligence, Data Cleaning & Transformation, Dashboard Development, API Integration, SDLC

Soft Skills: Analytical Thinking, Problem Solving, Communication, Leadership, Team Collaboration, Adaptability, Time Management, Attention to Detail, Critical Thinking, Continuous Learning

CERTIFICATIONS

IBM Data Science Professional Certificate

- Google Data Analytics Professional Certificate
- CAPM – Certified Associate in Project Management

AI Management, Professional Competency, Effective Communication, and Leadership Development courses — Technical and Vocational Training Corporation

LANGUAGES

Arabic (Native) | English (Working Proficiency)