ALAADIN AL-YNAEY

AI Specialist | Data Engineer | Data Analytics | Mathematics Teacher

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Summary

AI Specialist and Data Engineer with experience building intelligent systems using Machine Learning, NLP, and Retrieval-Augmented Generation (RAG). Skilled in developing AI-driven applications, automation pipelines, and AI agents that improve decision-making and streamline workflows. Proficient in Python, LLMs, and frameworks like LangChain, with hands-on experience in chatbots, data systems, and AI agents solutions. Strong background in data engineering and analytics, transforming complex data into actionable insights. Passionate about advancing AI, automation, and real-world intelligent systems.

Education

International university of Technology Twintech (Yemen) 2022 - 2026

Bachelor's Degree in AI & Data Science

- Ranked 1st in the cohort, maintaining top academic performance in AI & Data Science.
- Served as Class Representative, acting as the primary liaison between students and faculty.
- Represented the university in academic and extracurricular activities.
- Delivered peer-to-peer training sessions in AI, Data Science, and programming.
- Founded and led CyberAI Club, a multidisciplinary student organization focused on AI and technology.
- Served as Head of Graduation Ceremony Committee, leading planning and execution.

A2Z English School 2019 - 2021

English Language Studies

- Ranked 1st consistently throughout the program.
- Achieved a perfect score (100%) in writing, the first student to do so.
- Won multiple English debate competitions.

Jamal Abdel Nasser High School for Top Students in Yemen 2015 - 2018

High School

- Ranked among the top students in Mathematics.
- Served as a Student Council Member.
- Appointed Activities Coordinator, organizing school programs and events.
- Led the Media Committee for the graduation ceremony.

Experience

ASAAS-AI — https://ai-asaas.com/

Founder & CEO 2026 - Present

- Founded and led the development of an AI-driven automation platform focused on intelligent agents and no-code workflow automation.
- Designed a unified ecosystem integrating AI agents, workflows, databases, and business systems.
- Built the platform's core architecture, including workflow orchestration and agent execution systems.
- Led a multidisciplinary team across AI, engineering, and product development.
- Defined product strategy and roadmap to drive growth and market expansion across the region.

Mesbah

Founder & CEO 2026 - Present

- Found and led the development of first Arabian AI-driven automation platform focused on intelligent agents and no-code system building.
- Led and managed a cross-functional team of 15 members, coordinating development, product vision, and execution.
- Designed a unified automation ecosystem integrating workflows, AI agents, databases, and event-driven systems into a single platform.
- Built core system architecture including automation engine, visual workflow builder, and agent-based execution model.
- Developed an intelligent goal-based system that translates user intent into fully automated workflows using AI.
- Defined product strategy and roadmap to position the platform as a leading solution in the Arab region with global scalability.
- Targeted multiple user segments including developers, businesses, and non-technical users through adaptive system design.

Experience

Jaib Wallet (AHD Company)
Yemen

AI Team Lead 2026 - Present

- Led the AI team responsible for developing intelligent solutions for the digital wallet ecosystem.
- Designed AI-powered fraud detection, transaction monitoring, and financial analytics systems.
- Developed RAG and LLM-based solutions to enhance customer support and operational efficiency.
- Built intelligent automation workflows and AI agents for financial operations.
- Collaborated with cross-functional teams to integrate AI capabilities into core wallet services.

DeepSafer Company
Yemen

AI Specialist 2025 - Present

- Designed and deployed AI-driven cybersecurity solutions, including XDR systems for real-time threat detection and response.
- Built advanced Retrieval-Augmented Generation (RAG) pipelines for large-scale data processing, search, and analytics.
- Developed AI-powered automation workflows and intelligent agents to streamline security operations and decision-making.
- Applied Machine Learning, NLP, and LLMs to extract actionable insights from data.

AI Approach Company
Yemen

AI Trainer & AI Projects Developer 2025 - Present

- Delivered hands-on training in AI, Machine Learning, LLMs, and AI Agents to students and professionals.
- Designed and implemented real-world AI systems, including RAG applications, chatbots, and automation pipelines.
- Mentored 500+ learners, simplifying complex AI concepts into practical applications.

Internatioal University of Technology Twintech
Yemen

Teaching Assistant – Artificial Intelligence & Data Science 2026 - Present

- Assisted in teaching Artificial Intelligence, Machine Learning (ML), Deep Learning (DL), and Natural Language Processing (NLP) courses.
- Supported students in understanding core concepts, algorithms, and real-world AI applications.
- Conducted practical sessions on Python, model development, and data analysis.
- Guided students in AI projects, including model training, evaluation, and deployment.

Ar-Rasheed Modern School + Future Leaders School + Rawabi Haddah Scchool
Yemen

Mathematics Teacher 2023

- Taught mathematics to middle and high school students, emphasizing analytical thinking and problem-solving.
- Designed structured curricula to improve conceptual understanding and academic performance.

Office of Technical Education and Vocational Training
Yemen

Human Resources Specialist 2021

- Supported HR operations, data management, and reporting processes.
- Enhanced administrative workflows, resulting in a 40% increase in organizational efficiency.

International Trachoma Initiative | Tropical Data
Tanzania

Medical Data Recorder 2019

- Improved health outcomes by covering 2 regions in national Trachoma surveys, increasing data accuracy by 90%.
- Ensured data accuracy, validation, and reporting across multiple regions.
- Maintained accuracy and validated data for over 2500 health records, improving report reliability.
- Collected data for national health surveys on Trachoma across 2 regions, ensuring comprehensive field coverage.

Technical Skills

Programming Languages: Python · Java · C++ · JavaScript · PHP · Dart · Assembly

AI & Machine Learning: Machine Learning · Deep Learning · Searching Algorithms · AI Algorithms · NLP · LLM · TensorFlow · PyTorch · CV · RAG

Data & Analytics: Data Science · Data Mining · Big Data · ETL · Mathematics · Statistics · Calculus

Databases: SQL · PostgreSQL · MySQL · MongoDB · Firebase · Oracle · PL/SQL · Elasticsearch

Web & Frameworks: React · Flask · REST API · Next.js · Langchain

Tools & Cloud: AWS · Git · Docker · Airflow · Oracle Apex · Flutter

Automation Tools: n8n · Zapier · Make · Dify · Weavy · Orange

Soft Skills

Leadership

Communication

Time Management

Teamwork

Problem Solving

Work Under Pressure

Languages

Arabic Native

English Proficient

France Beginner

Achievements

Founder of Mesbah

2026

The first arabic AI-driven automation platform & company focused on intelligent agents, currently under development with a team of 15 members, aiming to become a leading solution in the Arab region.

Graduation Project (Top Ranked)

2026

Selected among the top university projects and shortlisted for best project; developed a multi-agent AI medical platform with proprietary dataset and high-performing models (90%+ accuracy), with outcomes published as a research journal.

Founder of CyberAI Club.

2025

Established a student-led initiative focused on artificial intelligence and cybersecurity, organizing workshops, expert sessions, and collaborative projects to bridge academic knowledge with real-world applications.

Leader of AWS Cloud Club

2024

Led cloud computing initiatives by organizing workshops, guiding students in AWS technologies, and building a community interested in modern cloud solutions.

Developing a mathematics law in calculus

2022

Developed a novel theorem focused on the differentiation of root functions, validated through rigorous analysis, formal proofs, and extensive testing.

Yemens Top Students

2018

Recognized among top students in Yemen and ranked among the top achievers in Sana'a in the national High school exams.

Courses

Creative Writing Course – Sana'a University — 2017

- Developed strong writing and storytelling skills, with a focus on structuring ideas, clarity of expression, and effective communication for different audiences.

First Aid Course – Yemen Red Crescent Society — 2018

- Completed foundational training in first aid and emergency response, including CPR, bleeding control, fracture management, and basic life support. Developed the ability to assess emergency situations and provide immediate care effectively.

First Aid Course – University of Science and Technology — 2019

- Undertook additional training in first aid practices with a focus on practical application, improving emergency response skills and the ability to handle real-life medical situations with confidence.

Intravenous (IV) Solutions Course – University of Science and Technology — 2019

- Gained knowledge and hands-on experience in intravenous therapy, including fluid administration, IV line setup, and safe handling of medical equipment in clinical scenarios.

Basic French Language Course – Approach Institute — 2021

- Acquired foundational skills in the French language, including basic vocabulary, grammar, and everyday communication.

Research and Studies Course – Al-Hamdi Foundation — 2022

- Learned research methodologies, data analysis, and academic writing, enhancing the ability to conduct structured studies and produce well-organized research outputs.

Claude– Anthropic Academy — 2026

- Courses by Anthropic covering AI fundamentals, prompt engineering, Claude usage, API integration, and building advanced AI agents and applications

Volunteering

Bright Community + AI Approach

AI Trainer 2025 - Present

Offerring workshops in AI

Ghaith

Farhat Eid 2021

A wonderful volunteering experience where we shared a joy in the community during Eid

Jamal Abdel Nasser High School

Leading Graduation Carmony 2020

Participating in the graduation ceremony preparations.

REASON Organization

Building a Youth Support Platform 2019

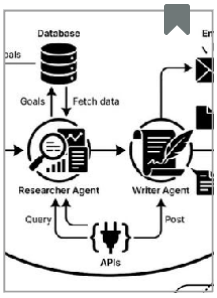
Building online platform to support and empower youth

Alnaseer Institute + Al-AminShcool

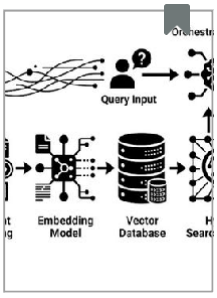
Teaching Mathematics 2019

Teaching Mathematics for free

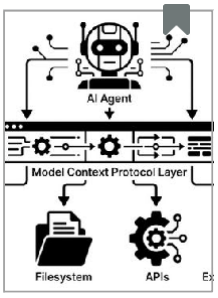
Blogs I Write



AI Automation and Multi-Agent Systems: Transforming How the World Works
https://alaadin-alynaey.site/blog/ai-automations-agents



The Definitive Guide to RAG Systems: Bridging Knowledge and Generation
https://alaadin-alynaey.site/blog/rag-evolution-2026



The Model Context Protocol (MCP): Standardizing AI Integrations
https://alaadin-alynaey.site/blog/mcp-architecture-guide

Certificates

- **Secondary School Final Examination Result – Scientific Section**
  Republic of Yemen – Ministry of Education
- **Certificate of Appreciation**
  Typical Future Leaders School – Ministry of Education
- **Certificate of Achievement – English Course Level 3A**
  A2Z School of English – Sana'a
- **Training of Trainers (TOT) Certificate**
  MCC Center
- **Training Workshop Certificate – Automation & AI Agents**
  AI Approach Club
- **Work / Experience Letter (Digital Transformation Project)**
  DeepSafere Company
- **Certificate of Appreciation**
  Education Office / School Administration (Yemen)
- **Great Debater Certificate**
  A2Z School of English
- **Certificate of Achievement – French Course Niveau 1**
  Approach Language Institute
- **Certificate of Participation**
  Yemen Red Crescent Society + A2Z Institute
- **Certificate of Attendance – Primary Medical Skills Course**
  University of Science and Technology (UST)
- **Training Course Certificate – Humanitarian Response**
  International University of Technology Twintech & Al-Hamdi Foundation for Humanitarian Development
- **Certificate of Participation – Arabic Language Program**
  College of Education – Sana'a University
- **Certificate of Excellence / Academic Excellence Certificate**
  Jamal Abdulnasser High School
- **SPE Membership**
  SPE International

Courses I Trained

Retrieval-Augmented Generation (RAG) Course

IUTT

Delivered hands-on training on building RAG systems, combining LLMs with external data sources for accurate responses.

MCP (Model Context Protocol) Workshop

AI Approach

Trained students on building and integrating MCP servers to enable structured communication between AI systems and external tools.

AI Agents Learning Path (3 Levels)

AI Approach

Designed and delivered a comprehensive multi-level program covering fundamentals to advanced concepts in AI agents.

AI Automation & Agents Bootcamp

AI Approach

Delivered a full bootcamp covering end-to-end development of AI automation systems and intelligent agents.

AI Automation & Intelligent Agents Course

IUTT

Delivered academic-level training on AI automation and intelligent agent systems, combining theory with practical implementation.

AI & Automation Training Program

Nama'a Foundation

Conducted training sessions on AI and automation concepts, focusing on real-world applications and skill development.

Projects

1- DermAI — My Graduation Project

https://github.com/AladdinAlynaey/DermAI_Private 2026

LLM-Based & Image-Powered Healthcare System for Dermatological Diseases with comprehensive diagnosis support.

2- Lisan

https://github.com/AladdinAlynaey/lisan 2026

AI-Powered Arabic Grammar, spelling, and vocabulary learning platform with exercises.

3- Alaadin Academy 2026

Agentic online learning platform offering structured courses, learning paths, and skill development programs. (Private repository — contact me to contribute.)

4- HTTP Playground

https://github.com/AladdinAlynaey/http-testing 2026

Production-grade educational API training platform for learning HTTP methods and REST.

5- AI Content Scenario Generator 2026

Generates full content pipeline (script → voice → scenes → video).

6- AI Trends Intelligence

https://github.com/AladdinAlynaey/ai-trends-intelligence 2026

AI Trends Intelligence Platform — Track, analyze, and publish global AI trends with 80+ RSS feeds and multi-agent AI system

7- Taskora

https://github.com/AladdinAlynaey/taskora_private 2025

Taskora — Enterprise Project Management System with AI Assistant, Multi-Workspace, Real-Time Collaboration, and Kanban/Scrum Boards

8- Smart Web Scraping Pipeline 2025

LLM-powered content extraction pipeline with intelligent checkpointing and error recovery.

Projects

9- AI-Powered University Platform
https://github.com/AladdinAlynaey/uniwebsite_private 2026

Antigenic educational platform with AI tutoring.

10- AI Query Builder 2025

Schema-aware natural language interface for database queries with intelligent SQL generation.

11- AI Medicine Information App 2025

AI-powered medicine information with image recognition and interactive conversational chat.

12- Story & Coloring Book Generator 2025

Generates personalized story and coloring books for kids using their photos and a description.

13- ID AI Photo Generator 2025

Transform selfie into professional ID photo with suits, backgrounds, and enhancements.

14- Smart E-Commerce Application 2025

Advanced AI-supported e-commerce platform following modern architecture and standards.

15- Smart Search Engine 2025

AI-powered search engine with semantic search and intelligent ranking.

16- Restaurant Menu Image Generator 2025

Generates standardized images for all menu items from a restaurant menu.

17- Student Assignment Grading Telegram Agent 2025

Students submit assignments via Telegram, AI agent grades and fills marks automatically.

18- Student Grades & News Notification Agent 2025

Tracks grades and news and sends notifications to students via Telegram.

19- Security Assistant 2025

Local LLM-powered system analysis and command automation tool.

20- DocsPodcast: AI Document to Podcast
https://github.com/AladdinAlynaey/podcastapp | 2025

Transform documents into AI-powered multi-speaker podcasts or chat with your files using intelligent Q&A.

21- MCP Office Control Framework 2025

Model Context Protocol for AI-powered control of Microsoft Office suite applications.

22- Global Legal Inquiry System 2025

AI-powered legal information system for global law queries.

23- Automated Exam Generator 2025

Automated exam generation system from educational files.

24- Boycott Assistant App 2025

Image-based product recognition with localized alternatives.

25- Image Generation System 2025

Image generation and in-place editing system using AI.

26- Smart Music Manager 2025

Intelligent music management application with advanced features.

Projects

27- Offline Chatbot 2025

Offline chatbot using local models from Ollama.

28- Floating AI Support Tool 2025

Floating AI support tool with RAG capabilities for websites.

29- AI Approach Chat

https://github.com/AIApproach/AI-Approach-Chat 2025

Intuitive AI assistant for interacting with files through natural language conversations.

30- CyberMind: AI Cybersecurity Assistant 2025

AI-powered cybersecurity assistant with global integration for threat intelligence and advanced analysis.

31- RAG System for Document Q&A 2025

Retrieval-Augmented Generation system for intelligent document question answering with semantic search.

32- ETL Pipeline for Firewall Logs 2025

Comprehensive ETL pipeline using APIs, MongoDB, PostgreSQL, and Apache Airflow for log analytics.

33- ChefAI Recipe Recommendation 2025

Ingredient recognition and personalized recipe recommendation using computer vision.

34- Video Game Sales Analysis 2024

Linear regression model for video game sales analysis with interactive web application dashboard.

35- Hand Tracking Controller 2024

Control computer brightness & volume using hand gestures with Streamlit interface.

36- Football Teams Management 2024

Complete football teams management system built with Oracle Apex.

37- Real-Time Emotion Detection 2024

Real-time emotion detection using CNN model integrated with web application for analysis.

38- Anime Recommendation System 2024

Anime recommendation based on similarity analysis.

39- AI Telegram Bot 2024

Telegram bot with local Ollama model for real-time chat.

40- Debt Management System 2024

Comprehensive debt management and tracking system.

41- Smart Snake Game 2023

Python snake game with AI autocomplete and adaptive difficulty.

42- A* Pathfinding 2023

Pathfinding with A* algorithm to avoid obstacles and reach goal.

43- AI Dinosaur Game 2023

Dinosaur game using genetic algorithm to learn how to play.

Find me online

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