

YOONUS KIZHAKKETHIL

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English, Arabic – All professional proficiency or above

PROFILE

AI Engineer specializing in building and deploying predictive trading systems that deliver measurable returns. Experienced in developing full-stack AI solutions, from data pipelines and RL models to scalable MLOps workflows. Proven ability to apply machine learning to optimize business operations, achieving a 30% efficiency boost in inventory management.

EXPERIENCE

IT Manager	<u>Starbucks (Arabian Gates)</u>	Jeddah, Saudi Arabia	01/2024 - Present
<ul style="list-style-type: none">Engineered inventory forecasting with AI, boosting efficiency 30% and saving 15+ hours/branch/week.Deployed a data-driven product categorization model that streamlined POS operations, cutting average customer checkout time by 20%.Automated financial and data analytics by integrating predictive analytics with ERP systems, improving reporting accuracy by 25%.Reduced external IT dependency by 80% by developing and leading internal training programs on AI-enabled tools.			
AI/ML Engineer (Project Lead)	<u>Remote (Single-Client Engagement)</u>	Jeddah, Saudi Arabia	02/2025 - 08/2025
<ul style="list-style-type: none">Architected an NLP and PPO-based reinforcement learning trading system that boosted risk-adjusted returns by 80% in backtesting.Engineered automated data pipelines to process daily market data, reducing feature engineering time by 40%.Deployed a scalable multi-interface application using Docker and CI/CD, establishing model versioning and API endpoints.Implemented a risk management framework (Sharpe Ratio, Max Drawdown) critical for model selection, saving 25% in potential losses.			
Full Stack Engineering Intern	<u>Sahl Solutions</u>	Jeddah, Saudi Arabia	06/2024 - 08/2024
<ul style="list-style-type: none">Engineered and integrated RESTful APIs using Django and React, enabling 3+ scalable features for the application and ERP ecosystem.Designed optimized database schemas to support complex data, ensuring readiness for analytics and machine learning workloads.Enhanced performance by optimizing database queries and React component structures, reducing average page load time by 15%.			
E-Commerce Business Manager	<u>Freelance</u>	Jeddah, Saudi Arabia	01/2019 - 01/2022
<ul style="list-style-type: none">Launched and managed 5+ personal e-commerce stores and guided 10+ clients from concept to launch, overseeing full project lifecycles.Orchestrated data-driven digital marketing campaigns across Google Ads, TikTok, and Meta, achieving up to 3x (ROAS).Integrated customer behavior analytics (Google Analytics, Meta Ads Manager) to inform product development and campaign strategy.			
Assistant Manager (Data & Reporting)	<u>Al-Atayeb</u>	Jeddah, Saudi Arabia	01/2018 - 01/2019
<ul style="list-style-type: none">Supported store operations and staff coordination, contributing to effective scheduling and payroll accuracy.Organized financial datasets and applied Excel-based analytics to improve reporting efficiency and accuracy.Streamlined attendance tracking systems, reducing payroll errors and ensuring data consistency.			

SKILLS

- AI & Machine Learning:** Neural Networks | TensorFlow | PyTorch | NLP | RL | Transformers | Text Mining | Embeddings | Feature Eng
- MLOps & Deployment:** CI/CD | Model Versioning | Experiment Tracking | API Integration | Docker | Cloud (AWS, Firebase) | Lambda
- Programming & Frameworks:** Python | Django | Node.js | Java | C++ | C# | React | Next.js
- Databases & Data Engineering:** SQL | PostgreSQL | MongoDB | Oracle | SQLite | Schema Design | Data Pipelines
- Soft Skills:** Problem-Solving | Critical Thinking | Research | Stakeholder Communication | Team Collaboration | Leadership

EDUCATION & CERTIFICATIONS

Bachelor of Computer Science	<u>King Abdulaziz University</u>	Jeddah, Saudi Arabia	08/2020 - 08/2025
<ul style="list-style-type: none">Major in Artificial Intelligence (AI) & Software Engineering. GPA: 4.95/5			
Project Management Professional (PMP)	<u>Project Management Institute</u>	Pennsylvania, USA	09/2025
<ul style="list-style-type: none">Globally recognized certification in project management, focusing on planning, execution, and leadership.			