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 Project Manager — Digital Awareness Corporation — *Riyadh, Saudi Arabia* — **10/2025 - Present**

- **Built** a fully automated AI agent for government tender analysis, improving processing speed and efficiency by 300%.
- **Increased** company sales by 80% through active customer engagement, improved communication, and client satisfaction efforts.
- **Managed** full project lifecycles, ensuring alignment with business goals and consistent on-time delivery.
- **Drove** the adoption of AI-driven automation tools to reduce manual work and scale operations across departments.

IT Manager — Starbucks (Arabian Gates) — *Jeddah, Saudi Arabia* — **01/2024 - 10/2025**

- **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) — Remote (Single-Client Engagement) — *Jeddah, Saudi Arabia* — **02/2025 - 08/2025**

- **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 — Sahl Solutions — *Jeddah, Saudi Arabia* — **06/2024 - 08/2024**

- **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%.

Assistant Manager (Data & Reporting) — Al-Atayeb — *Jeddah, Saudi Arabia* — **01/2018 - 01/2019**

- **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 — King Abdulaziz University — *Jeddah, Saudi Arabia* — **08/2020 - 08/2025**

- Major in Artificial Intelligence (AI) & Software Engineering. GPA: 4.95/5

Project Management Professional (PMP) — Project Management Institute — *Pennsylvania, USA* — **09/2025**

- Globally recognized certification in project management, focusing on planning, execution, and leadership.