YOONUS KIZHAKKETHIL

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English, Arabic – *All professional proficiency or above*

Skills

- C++ | C# | Java | Python | Django | Node | JavaScript | TypeScript | React | Next.js | Git | Laravel | PHP | Tailwind CSS | Bootstrap | Figma
- AI | ML | Cloud Computing | MLOps | AWS | FireBase | CI/CD | Unit Testing | Debugging | Lambda | OOP
- SQL | MySQL | SQLite | Oracle | Monogo DB | PostgresSQL | ERP | Frontend | Backend | Full-Stack

Experience

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

- **Empowering** the IT team to fully leverage new technologies, stay up to date with advancements, and accelerate daily operations.
- **Conducted** in-depth **training** sessions for employees, improving team efficiency and reducing technical support dependency.
- **Developed** softwares to streamline inventory operations and reduce manual processes, improving workflow speed and accuracy by 30%.
- **Provided** technical support and troubleshooting, resolving the IT issues across branches within 24 hours to maintain smooth operations.
- **Diagnosed** and resolved recurring POS and OXO **ERP** issues, improving transactional reliability and reducing system errors.
- **Optimized** product listings and category structures, simplifying search, accelerating item lookup and checkout speed by around 20%.

AI/ML Engineer — **Remote (Single-Client Engagement)** — *Jeddah, Saudi Arabia* — **02/2025 - Present**

- **Designed** an AI-powered stock prediction system combining pattern recognition, sentiment analysis, and **reinforcement learning**.
- **Developed** a modular pipeline for data ingestion, preprocessing, feature engineering, model training, and evaluation.
- **Engineered** database schemas to store historical price data, technical patterns, sentiment scores, and performance metrics.
- **Built** reinforcement learning models (using PPO in stable-baselines3) to optimize trading policies.
- **Created** multi-interface interaction points (CLI, Streamlit GUI, email notifications) to support user access.
- **Implemented** evaluation metrics such as Sharpe Ratio, profit factor, and drawdown, enabling robust risk control.
- **Developed** model versioning workflows with **API** access, enabling model promotion and experiment reproducibility.
- **Authored** system documentation with architecture diagrams, API usage guides, and deployment instructions.

Full Stack Engineering Intern — **Sahl Solutions** — *Jeddah, Saudi Arabia* — **06/2024 - 08/2024**

- **Contributed** to the development on the *Hamlati* project, a **web and mobile** platform to streamline accommodation for Hajj pilgrims.
- **Developed** and integrated key backend features using **Django** and managed data flow and storage with **SQLite**.
- **Built** and refined frontend interfaces with **Vue.js**, ensuring responsiveness and a consistent user experience across devices.
- **Optimized** web performance and enhanced page load times by improving code structure and eliminating redundant queries.
- **Coordinated** with cross-functional teams to integrate APIs and third-party tools, enhancing feature completeness and system reliability.

Web Developer — **Freelance** — *Jeddah, Saudi Arabia* — **01/2022 - 08/2024**

- **Built** custom **full-stack** applications using **React.js, Django, Next.js**, and **Laravel** for clients across retail, real estate industries.
- **Designed** responsive, intuitive websites with **mobile-first** layouts, improving user engagement and navigation experience.
- **Developed** e-commerce platforms using Shopify and Laravel, enabling clients to manage products and process online payments.
- **Created** user-centric **UI/UX** wireframes using **Figma** and implemented frontend interfaces to ensure visual consistency and usability.
- **Integrated** third-party APIs, including **payment gateways**, and email systems, to expand site functionality based on client needs.

Assistant Manager — **Al-Atayeb** — *Jeddah, Saudi Arabia* — **01/2018 - 01/2019**

- **Assisted** the store manager in daily operational tasks and organized financial records using **Excel** to streamline sales reporting accuracy.
- **Monitored** employee attendance through time tracking systems, helping maintain accurate payroll records and reducing timesheet errors.
- **Provided** cashier support during peak hours to ensure consistent service flow and minimize customer wait time.

Education

Bachelor of Computer Science — **King Abdulaziz University** — *Jeddah, Saudi Arabia* — **08/2020 - 8/2025**

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