

Rishi V Nair

AI Engineer · Hospitality & Operations Intelligence

Hospitality operations leader with 7+ years of F&B experience building and deploying AI tools that solve real operational problems. Currently pursuing a Postgraduate Program in AI/ML at Texas McCombs School of Business. Experienced in agentic AI workflows, constraint optimisation, and shipping production Python tools. Bridges deep F&B domain knowledge with emerging AI skills to engineer intelligent systems for hospitality, retail, and operations sectors across KSA, UAE, and India.

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CORE SKILLS

Generative AI

Prompt Engineering · Agentic AI Workflows · GPT Customisation · Conversational AI · AI-Assisted Automation

AI Tools

OpenAI API · Claude · Cursor · Google AI Studio · Streamlit · LangGraph (learning)

Machine Learning & Analytics

Model Building · Decision Trees · Classification · Predictive Demand Planning · EDA

Data & Operations

Microsoft AX Dynamics · Large-scale Data Extraction · Inventory Analytics · MICROS POS · Excel

Domain Expertise

F&B Operations · Labour Optimisation · Menu Engineering · Cost Control · Guest Behaviour Analysis

Tools & Productivity

Python · OR-Tools · React · GitHub · VS Code · Notion

EDUCATION

Postgraduate Program in Artificial Intelligence and Machine Learning

Texas McCombs School of Business · Sep 2025 – Sep 2026 · In Progress

Model Building · Decision Trees · Data-Driven Decision Making

Bachelor of Hotel Management — Food & Beverage

St. Joseph's Institute of Hotel Management and Catering Technology · 2014 – 2018

CERTIFICATIONS

Agentic AI and AI Agents for Leaders

Vanderbilt University · May 2025

OpenAI GPTs: Creating Your Own Custom AI Assistants	Vanderbilt University · Apr 2025
Agentic AI and AI Agents: A Primer for Leaders	Vanderbilt University · Mar 2025
Google Prompting Essentials	Google · Mar 2025
Data-Driven Decision-Making for the Real World	LinkedIn Learning · Apr 2022

PERSONAL PROJECTS

MenuMatrix

menu.rishivnair.com

Python / AI · React

- Built a smart menu profitability dashboard for restaurant owners; an AI algorithm analyses sales data to automatically classify menu items by revenue contribution and waste, enabling managers to optimise menus in seconds.
- Applied 7+ years of F&B domain knowledge to define business rules and profit margin thresholds that power the item classification engine.

AI Shift Scheduler

scheduler.rishivnair.com

Python · OR-Tools (Constraint Optimisation) · Streamlit

- Developed a constraint-optimisation scheduling engine for F&B restaurants, assigning shifts across 40+ staff while enforcing section coverage rules, OFF-day fairness, and labour cost limits — exporting a ready-to-use Excel roster.
- Translated frontline scheduling experience into programmatic constraints, reducing manual rostering from hours to seconds; deployed as an interactive Streamlit web app.

PROFESSIONAL EXPERIENCE

Restaurant Supervisor

White Robata by Gastronomica (Japanese) — Gastronomica ME · Riyadh, KSA · Nov 2023 – Present

- Led pre-opening operations for a new KSA branch — end-to-end setup, staff onboarding, and system configuration; directly the operational experience that informed both AI projects.
- Improved NPS by 15% in 2 months by implementing structured customer feedback collection and data-driven service standards.
- Streamlined duty scheduling, reducing labour costs by at least 5% — the operational pain point that motivated building the AI Shift Scheduler.
- Trained staff on upsell methodology, maintaining average per-guest spend of 260.00 SAR and a table turnover of 1.6 per shift.

Waiter

White Robata by Gastronomica (Japanese) · Kuwait · 2021 – 2023

- Consistently ranked top 3 in guest satisfaction scores and APG — performance tracked and reported through operational data systems.
- Maintained full knowledge of a specialised Japanese menu and took initiative on cross-functional duties.

F&B Controls Associate

Tables Food Company by Lulu · India (Corporate Office) · 2020 – 2021

- Extracted and optimised large-scale operational data from Microsoft AX Dynamics across 41 stores and 3 brands, building clean datasets for management decision-making pipelines.
- Assisted in implementing 100+ recipes in AX Dynamics, establishing structured inventory and cost records across a multi-brand operation.
- Supervised pan-India inventory activities from the corporate office, managing multi-location data centrally.

LANGUAGES

English (Advanced) · Malayalam (Native) · Hindi (Intermediate) · Spanish (Elementary)