

Contact

theadviksinghal@gmail.com

www.linkedin.com/in/advik-singhal
(LinkedIn)
advik.ae/ (Portfolio)

Top Skills

Microsoft SQL Servers
Python (Programming Language)
Artificial Intelligence (AI)

Languages

English (Native or Bilingual)
French (Elementary)
Arabic (Limited Working)
Hindi (Native or Bilingual)
Spanish (Elementary)

Certifications

Security, Maintenance & Integration
with BI Tools
SQL Foundations
Exploring AI with Google AI Studio
Gemini Capstone Project
Gemini for Developers Specialization

Advik Singhal

Executive Vice President @ RAK Refills | TEDx RAKA Speaker
| Incoming Innovate @ TKS '27 | Former CFO @ Mechatronics |
Student @ RAK Academy | SQL Server & Gemini for Developers
Certified

Ras Al Khaimah, Ras al-Khaimah, United Arab Emirates

Summary

I work across AI systems, engineering, and financial strategy. As Chief Financial Officer and Lead CAD Designer for MechLabs AE in the 4x4 in Schools STEM Challenge, I combine financial management with high-precision engineering, overseeing budgets, optimizing resources, and developing performance-driven CAD designs. I have applied this approach across competitive teams including Falcon Racing and RAK Academy 4x4. Beyond hardware and finance, I am a certified SQL Server and Google Gemini Developer. As an Incoming TKS Innovator '27 and TEDx Speaker, I focus on agentic AI systems, integrations, data transformation, analysis, and ETL workflows. Alongside this, I serve as Vice President of RAK Refills, a school initiative addressing plastic waste and promoting sustainable habits across RAK Academy in alignment with the UN Sustainable Development Goals. I oversee project execution and help develop initiatives that expand its environmental impact.

Experience

RAK Refills

4 months

Executive Vice President

June 2026 - Present (2 months)

Ras Al Khaimah

At our school, we identified a significant issue with waste, particularly plastic, and recognized the need to take action to protect the environment. This led to the creation of RAK Refills, an initiative aligned with the UN Sustainable Development Goals (SDGs), focused on reducing waste and promoting more sustainable habits across RAK Academy.

As Executive Vice President, I oversee the team's progress to ensure our objectives are met effectively, while also developing creative and engaging ideas to strengthen and expand our campaigns in line with the SDGs.

Vice President

April 2026 - June 2026 (3 months)

Ras Al Khaimah

At our school, we identified a significant issue with waste, particularly plastic, and recognized the need to take action to protect the environment. This led to the creation of RAK Refills, an initiative aligned with the UN Sustainable Development Goals (SDGs), focused on reducing waste and promoting more sustainable habits across RAK Academy.

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TEDx RAKA

Speaker

January 2026 - Present (7 months)

Ras Al Khaimah

MechLabs AE

10 months

Lead CAD Designer and Chief Financial Officer

September 2025 - June 2026 (10 months)

Abu Dhabi

I am the Chief Financial Officer and Lead CAD Designer at MechLabs AE, competing in the Yas in Schools 4x4 in Schools STEM Challenge Professional Category. I oversee financial strategy, budgeting, and resource allocation to ensure efficient use of project funds while supporting performance-driven engineering decisions. Alongside this, I lead CAD design and vehicle development, focusing on optimisation, manufacturability, and performance within competition constraints. My role bridges finance and engineering, ensuring technical ambition is aligned with practical execution as the team develops and competes in the 4x4 in Schools programme.

Chief Financial Officer

September 2025 - January 2026 (5 months)

Sharjah, Sharjah Emirate, United Arab Emirates

First LEGO League Challenge

UK Mathematics Trust
Silver Certificate Awardee
April 2026 - April 2026 (1 month)
Ras Al Khaimah

All India Chess Federation
Chess Player
August 2024 - August 2025 (1 year 1 month)
Gangoh, Uttar Pradesh, India

RAK Academy 4x4
Chief Financial Officer
March 2025 - June 2025 (4 months)
Abu Dhabi

4x4 in Schools STEM Challenge

Falcon Racing
Finance Manager
January 2025 - June 2025 (6 months)
Abu Dhabi, Abu Dhabi Emirate, United Arab Emirates

F1 in Schools (now STEM Racing)

UK Mathematics Trust
Silver Certificate Awardee
April 2025 - May 2025 (2 months)
Ras Al Khaimah

Sportalyse
Project Lead Developer
March 2025 - May 2025 (3 months)
Dubai

Safe AI Cup (formerly STOGOCOMP) – Top 5 Finalist

niomvan.ai
Team Member
January 2025 - February 2025 (2 months)
Ras Al Khaimah, Ras al-Khaimah, United Arab Emirates

Sandooq Al Watan

Model United Nations
Diplomat

November 2024 - November 2024 (1 month)
Ras Al Khaimah, Ras al-Khaimah, United Arab Emirates
Japan

KENKEN MENA
Silver Medalist
November 2022 - December 2022 (2 months)
Dubai, Dubai, United Arab Emirates

Ignited Mind Lab
Consolation Prize Awardee
November 2022 - November 2022 (1 month)
Dubai, Dubai, United Arab Emirates

Education

RAK Academy
· (January 2025 - July 2031)

GEMS Education
· (July 2022 - January 2025)

Al Diyafah High School
· (July 2018 - July 2022)

Diyafah International School
· (July 2017 - July 2018)