

Mazin Nawwaf Assi

Supply Chain, AI & Digital Transformation | Academic & Industry Professional

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ResearchGate: [researchgate.net/profile/Mazin-Assi?ev=hdr_xprf](https://www.researchgate.net/profile/Mazin-Assi?ev=hdr_xprf)

Professional Profile

University Lecturer and PhD Student in Management with an interdisciplinary background in Computer Systems Engineering and Engineering Project Management. Experienced in teaching supply chain-related and computing courses, curriculum development, academic mentoring, and student project supervision. Combines technical computing knowledge, data analytics training, and industrial management experience, making him well aligned with programs connecting supply chain, business, digital transformation, and applied artificial intelligence. Research interests focus on AI applications in supply chain development, digital transformation, and data-driven decision-making.

Core Academic & Professional Areas

- ☑ Supply Chain Management
- ☑ Logistics and Operations Management
- ☑ Digital Transformation in Business
- ☑ Business Process Digitalization
- ☑ AI Applications in Supply Chain Development
- ☑ Data Analytics and Business Intelligence
- ☑ Engineering Project Management
- ☑ Curriculum Development and Academic Mentoring

Education

Doctor of Philosophy (PhD) in Management (In Progress)

University Sains Islam Malaysia (USIM), Malaysia | 2025 – Present

MSc in Engineering Project Management

An-Najah National University, Nablus, Palestine | 07/2019 – 01/2022

BSc in Computer Systems Engineering

Arab American University, Jenin, Palestine | 12/2012 – 01/2018

Academic Experience

- **University Lecturer – Department of Supply Chain / Computer Sciences**
Al-Zaytoonah University of Science and Technology, Salfeet | 09/2024 – Present
 - Teach supply chain-related and computing courses emphasizing practical applications, business processes, and digital tools.
 - Contribute to curriculum development for programming and supply chain-related courses.
 - Deliver applied lectures connecting computing concepts with operational, logistics, and business contexts.
 - Support students in understanding the role of digital technologies, data analytics, and intelligent systems in business and supply chain environments.
 - Enhanced students' coding proficiency through structured instruction, practical exercises, and project-based learning.
 - Supervised 10+ student graduation projects and provided academic mentoring on technical problem-solving, applied systems thinking, and business process improvement.

Publications

- Assi, M. N., Kaur, S., Chaudhary, S., Sengupta, P. D., Patel, P., Sambandan, B. P., & Pawar, A. R. (2025).
Management Innovation in AI-Driven Art Ecosystems.
ShodhKosh: Journal of Visual and Performing Arts, 6(5s), 449–458.
DOI: 10.29121/shodhkosh.v6.i5s.2025.6927.
- Assi, M. N. (2025).
The Role of Artificial Intelligence in Enhancing Supply Chain Development in Palestine: A Theoretical Review.
Middle East Journal of Scientific Publishing, Vol. 8, Issue 2, 26th Edition, pp. 1–10.

Professional Training & Industry Workshops

- Trainer in Digitalization and Supply Chain Management.
- Delivered professional workshops and training sessions in:
 - Supply Chain Digital Transformation
 - Business Process Digitalization
 - Operations and Logistics Optimization
 - Data-Driven Decision-Making in Business
 - Digital Tools for Supply Chain and Operational Improvement

Training & Professional Development

- **Program Design & Delivery**

Designed, developed, and delivered a professional training program titled: "Digital Supply Chain Management: Network Design and Simulation-Based Decision-Making" (25 hours, 13 participants – 2026), delivered through the Center for Continuing Education – Al-Zaytuna University of Science and Technology.

- Served as lead instructor and program designer, responsible for curriculum development, instructional materials, case studies, and full program delivery.
- Applied simulation-based and case-based learning methodologies to enhance participants' analytical and decision-making skills in supply chain and logistics contexts.
- Covered key areas including: logistics network design, procurement, inventory management, risk analysis, and data-driven decision-making.

Professional Experience

- **Production Manager – Shkedia Food Factory**

Lod | 02/2022 – 07/2023

- Managed daily production and operational activities to ensure timely delivery, resource utilization, and workflow efficiency.
- Optimized production processes and reduced waste by 10%.
- Improved operational efficiency by 15% through workflow coordination, performance monitoring, and process improvement.

- **Production Manager – New Life Furniture**

Salfeet, West Bank | 11/2020 – 01/2022

- Managed production schedules, staff coordination, supplier follow-up, and deadline-driven operations.
- Negotiated supplier contracts and reduced procurement costs by 12%.
- Reduced production defects by 8% through process control and team coordination.

- **Production Manager – Alassi Marble Manufacture**

Qalqilya, West Bank | 04/2019 – 01/2020

- Managed production operations, client follow-up, and workflow coordination.
- Improved client satisfaction by 18% through service follow-up and operational improvements.
- Developed a knowledge-based wage scale to support fair performance-based compensation.

Certifications & Professional Development

- Data Analysis Diploma – Online (2025)
- PMP Diploma – Online (2025)
- Full Stack Developer – Axsos Academy (2024)
- Front End Diploma – Online (2025)
- Quality Assurance – Scientific Academy (2023)
- CCNA – Hassib Al-Sabbagh Center (2022)
- Advanced English Conversation – Arab American University (2016)

Languages

- Arabic – Native
- English – Excellent
- Hebrew – Intermediate