

ALHUSSIN K ABUDIYAH

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Executive Leader | Strategic Planning & Digital Transformation Leader | Corporate Performance Management | Organizational Excellence
| PMP® | CSPP®

CAREER HIGHLIGHTS

- 18+ years leading strategic planning, corporate performance management, and digital transformation across Saudi Arabia's public sector and aviation industry.
- Directed a SAR 200M+ national infrastructure and technology-modernization portfolio across 25+ Saudi airports, from strategic roadmap through execution.
- Designed enterprise KPI and Balanced Scorecard architectures adopted at institutional and national governance level.
- Led digital transformation and business-intelligence initiatives, deploying real-time Power BI and Tableau dashboards for executive decision-making.
- Delivered a 60% improvement in on-time project delivery across a 20+ project national infrastructure portfolio.
- PhD in Transport Systems, Cranfield University (UK); MSc in Industrial & Engineering Management, Gannon University (USA); PMP® and CSPP® certified.

EXECUTIVE SUMMARY

Strategic Planning, Corporate Performance, and Digital Transformation Executive with 18+ years of leadership experience delivering national transformation initiatives, enterprise performance frameworks, and complex infrastructure programs across Saudi Arabia's public and infrastructure sectors. PhD in Transport Systems (Cranfield University, UK) and MSc in Industrial & Engineering Management (Gannon University, USA), complemented by PMP® and CSPP® certifications. Led SAR 200M+ strategic portfolios and large-scale transformation initiatives, developing KPI architectures, Balanced Scorecards, and business intelligence solutions (Power BI and Tableau) to support executive decision-making and Vision 2030 objectives. Recognized for aligning strategy with execution, driving organizational excellence, and leading cross-functional teams to deliver measurable, sustainable performance outcomes across complex.

CORE COMPETENCIES

Strategic Leadership: Strategic Planning & Execution • Organizational Development & Change Leadership • Executive Advisory & Governance

Digital Transformation: Digital Transformation Leadership • Business Intelligence & Data Visualization (Power BI, Tableau) • Generative AI & Productivity Tools

Performance Excellence: Corporate & Enterprise Performance Management • KPI Architecture & Balanced Scorecard Design • OKR Implementation • Six Sigma

Analytics & Optimization: Statistical Modeling (Python, R, SPSS, JMP, Minitab) • Simulation & Forecasting (CAST, Simio, AnyLogic) • Optimization Modeling (Gurobi, GAMS, MATLAB)

Programs & Governance: Program & Project Portfolio Management • Budget Planning & Resource Allocation • Risk & Compliance • Stakeholder Engagement & Executive Communication

PROFESSIONAL EXPERIENCE

Assistant Professor

Industrial Engineering Department, Jazan University | Saudi Arabia

Feb 2011 – Present

- Delivered strategic planning, corporate performance, and digital transformation advisory to government and service-sector institutions, leading multi-stakeholder alignment workshops that produced unified strategic roadmaps formally adopted as institutional policy.
- Designed and deployed enterprise KPI and Balanced Scorecard frameworks across academic and administrative units, replacing manual reporting with real-time Power BI and Tableau dashboards adopted by institutional governance committees.
- Directed multi-year, evidence-based resource-utilization and performance reviews that informed strategic resource allocation and organizational performance decisions.
- Designed and facilitated executive workshops on digital transformation, technology adoption, and change management for institutional leadership.
- Conducted strategic studies on global aviation and economic trends, translating findings into actionable recommendations for national air-transport performance and infrastructure planning.
- Academic responsibilities: led college strategic planning aligned to university strategy through structured performance-indicator frameworks.

Department Manager – Airport Security Equipment (Strategic & Performance Leadership)

General Authority of Civil Aviation (GACA) | Jeddah, Saudi Arabia

Sep 2009 – Jan 2011

- Directed a national infrastructure portfolio exceeding SAR 200 million across 25+ Saudi airports, leading strategic planning, program governance, and technology-modernization execution.

- Developed and launched a five-year strategic roadmap for infrastructure and technology modernization, establishing the capital investment framework and phased governance structure adopted for subsequent national investment decisions.
- Implemented enterprise performance management frameworks using Balanced Scorecard methodology and executive KPI dashboards, strengthening organizational accountability and evidence-based decision-making.
- Managed strategic relationships with international technology vendors, contractors, and regulatory authorities, ensuring full ICAO compliance while enabling adoption of advanced technologies.
- Led multidisciplinary engineering and technical teams, building organizational capability and strengthening cross-functional performance management practices.

Professional Development

Employer-Sponsored Graduate Study
General Authority of Civil Aviation (GACA) | Jeddah, Saudi Arabia

Jan 2008 – August 2009

Airports Security Equipment Senior Engineer
General Authority of Civil Aviation (GACA) | Jeddah, Saudi Arabia

Apr 2004 – Dec 2007

- Developed a multi-criteria prioritization framework to rank 20+ concurrent projects across 25+ airports, balancing regulatory, risk, and capital constraints with contributing to a 60% improvement in on-time project delivery.
- Managed the full project lifecycle including planning, procurement, installation, testing, and operational handover, across multiple national infrastructure initiatives.
- Contributed to Saudi Arabia's first unified technical specifications framework for airport security equipment, improving standardization and lifecycle performance across the national portfolio.

EDUCATION

PhD in Transport Systems | Cranfield University, UK | Aug 2016 – Aug 2020
MSc in Industrial and Engineering Management | Gannon University, USA | Jan 2008 – Aug 2009
BSc in Engineering | King Saud University, Saudi Arabia | Jun 1997 – Jun 2002

CERTIFICATIONS

Project Management Professional (PMP®) | Project Management Institute (PMI) | 2026
Certified Strategic Planning Professional (CSPP®) | CPD Accredited | 2026

TRAINING & DEVELOPMENT

Claude 101, Generative AI Fundamentals | Anthropic | 2026
IBM Business Analyst Professional Certificate | Coursera | 2025
Applying Technical Expertise as a Consultant | Cranfield University | 2017
Risk Management | Cranfield University | 2017
CAST Airport Terminal Design and Simulation | ARC (Airport Research Center- GmbH) | 2017
Simulation Modelling using AnyLogic | Stevens Institute of Technology | 2015
Six Sigma Green Belt Specialization | Gannon University | 2008
Crisis and Disaster Management | King Abdulaziz University | 2010

VOLUNTEER LEADERSHIP

Member | Commission for Social Development, Damad | Jan 2009 – Present
Administrative Member | Saudi Club, Gannon University | Jan 2008 – Aug 2009
Vice President | Cranfield Islamic Society, Cranfield University | Aug 2017 – Aug 2018
Administrative Member | Saudi Club, Cranfield University | Aug 2018 – Aug 2019

VOLUNTEER LEADERSHIP

Arabic – Native
English – Professional Working Proficiency