

Michael Dogan

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Operations Executive – driving global operational excellence in rail & transit

A strategic, transformative leader with a record of successfully directing complex, global projects, and programs across six continents. Known for leveraging engineering expertise and business acumen to reduce costs and generate efficiencies while ensuring quality, safety, and customer satisfaction. Skilled at establishing cultures of accountability while leading, developing, and empowering high performance teams.

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|--------------------------------|--------------------------|----------------------------------|
| • Operational Excellence | • Quality, Safety | • Customer Satisfaction |
| • Strategic Planning | • Regulatory Compliance | • Global Cross-Functional Teams |
| • Project / Program Management | • Risk Management | • Employee Development, Training |
| • Project Scope, Budgets, P&L | • Continuous Improvement | • Team Building, Leadership |
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High-Impact Results

@Atkins

Led team of specialists in reviewing Positive Train Control Safety Plans (PTCSP) for Federal Railroad Administration. Directed team in reviewing documentation for the Federal Railroad Administration, ensuring safety & risk assessment as well as regulatory compliance of Positive Train Control (PTC) implementations.

Instrumental in development of PTCSPs for Long Island Rail Road & Florida Dept. of Transportation's SunRail. Supported development and approval of the PTCSP for both systems. Oversaw design, installation, testing, and system integration and installation of PTC equipment onboard locomotives in Florida.

@RailComm

Turned around division, saving \$1.3M while driving quality and improving customer satisfaction to 96%. Implemented a PMO, providing end-to-end improvement in project forecasting, quality standards, governance, and agility. Drove operational excellence by breaking down silo operations. Process improvements reduced SG&A 20%.

@Ansaldo STS

Major contributor on international award-winning Copenhagen driverless metro project, the world's first fully driverless train control system certified to strict European CENELEC standards. The project's success led to additional projects in Italy, Greece, Saudi Arabia, Taiwan, and the US, generating hundreds of millions of dollars.

Secured \$10M, despite delayed product development component required for acceptance test. Payment was due on completion of Factory Acceptance Test. That test could not be run because a key circuit board was not ready for delivery. Built on solid relationship and negotiated with customer to agree to pay based on unit testing of components.

Professional Experience

Atkins North America (Member of the SNC-Lavalin Group), Roanoke, VA 2016 to present
One of the largest global engineering and project management consultancies operating across 50 countries.

Principal Consultant – Rail Control Systems, Engineering, Design & Project Management

- Instrumental in winning a dozen lucrative contracts with the Federal Railroad Administration (FRA) to review Positive Train Control Safety Plans (PTCSP) nationwide.
- Oversee teams of rail subject matter experts, electrical engineers, human factors experts, safety engineers, and configuration management experts from the US, UK and Canada.
- Project Manager on a number of Positive Train Control Safety Plan Review projects for the Federal Railroad Administration (FRA), Long Island Rail Road (LIRR), and the Central Florida Rail Corridor (CFRC)/SunRail (FDOT).
- Commercial Manager on the ACS-64 Locomotives & Multi-Level Passenger Car procurement project for SEPTA.

RailComm, Fairport, NY

2012 to 2016

A premier provider of technology solutions to the world's railroad industry.

Vice President – Project Delivery (2013 to 2016)

- Recognized with increased leadership, taking over larger team (50% of company) within months of tenure.
- Directed multi-site (350+ global sites), cross-functional project operations for ~40 concurrent projects, 27 maintenance contracts, 22 SaaS contracts, and 20 parts orders.
- Managed full project lifecycle leading teams of project managers, systems engineers, applications engineers, software developers, quality assurance engineers, manufacturing and procurement, and customer support.
- Improved delivery times and gross margins by automating reporting, enabling issues analysis and solutions.
- Projects included: Dispatching Systems – supporting both Centralized Traffic Control (CTC) and Track Warrant Control (TWC), Classification Yard and Intermodal Terminal Container Facility Automation, Automated Blue Flag Protection Systems, and Automated Heater Control Systems.

Director Project Engineering (2012 to 2013)

- Reorganized project engineering, dividing group into small functional teams; standardized processes and leveraged employee strengths.
- Established robust tracking and monitoring with KPIs for project delivery and customer service.

Ansaldo STS USA (Formerly Union Switch & Signal), Rome, Italy/Pittsburgh, PA

1999 to 2012

Global leader in signaling & implementation of transport systems for Freight, Passenger Railways, and Mass Transit.

Senior Project Manager - Executive Advisor (2009 to 2012)

Program Manager (2007 to 2009)

- Led driverless automatic train control projects with \$180M P&L and a 100 person global team.
- Established goals, tracked performance, managed project reporting, and ensured employee health and safety.
- Developed project management curriculum and training.
- Managed wayside, onboard, and dispatch systems for a portfolio of Driverless Automatic Train Control projects.
- Directed design, build, testing, commissioning and safety certification of the Automatic Train Control systems.
- Driverless Unattended Metro Projects, Europe:
 - Line C Driverless Unattended Metro Project, Rome Metro, Rome, Italy. 25.5 km (17.6km underground, 30 stations, minimum operating headway of 120s, 36,000 pphpd (6p/m²) 30 trains, with 6 cars per train (109m).
 - Line 5 Driverless Unattended Metro Project, Milan Metro, Milan, Italy. 12.6 km of double track, 19 stations with a minimum headway of 75 s, 28,000 pphpd (6p/m²), 21 trains with 4 cars per train (50m).
 - Brescia Driverless Unattended Metro Project, Brescia Metro, Brescia, Italy. 13.7 km of double track, 17 stations, minimum headway of 90s, 17,000 pphpd (6p/m²), 21 trains with 3 cars per train (39m).
 - Thessaloniki Metro, Attilo Metro, Thessaloniki, Greece. 9.5 km of double track, 13 stations, minimum headway of 90s, 21,000 pphpd (6p/m²), 18 trains with 4 cars per train (50m).
 - Nourah Bint Abdulrahman University Automated People Mover (PNU-APM), Riyadh, Saudi Arabia. 11.5 km of double track, 14 stations, minimum headway of 90s, 4,400 pphpd (2.5 p/m²), 22 trains with 2 cars per train (29m). The first driverless metro in the Kingdom of Saudi Arabia.

Earlier: Project Manager/Project Engineer, Manager of Technical Services/PM, and US Army National Guard.

Education & Certifications

Radford University, University of Pittsburgh – Courses for BS Information and Computer Sciences
Software Lifecycle Management • Leadership Development • Project Management for IT