

Exponent®
Engineering & Scientific Consulting

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Professional Profile

As a managerial consultant specializing in utilities, my expertise lies in providing strategic guidance and operational improvements to enhance the efficiency and effectiveness of utility companies. The utility sector is complex and dynamic, requiring tailored solutions to address the unique challenges and opportunities within the industry. My clients encompass a range of utility sectors, including electricity, gas, and water providers.

Over the past five years, my work has been marked by significant contributions to the utility sector. Some key highlights include:

Introducing New Processes:

Developed and implemented innovative operational processes to streamline workflow and enhance overall efficiency.

Introduced cutting-edge technology solutions to optimize resource allocation, reducing operational costs and improving service delivery.

Improving Reporting:

Led initiatives to revamp reporting systems, providing clients with more accurate and timely data for decision-making.

Implemented data analytics tools to extract actionable insights, enabling clients to make informed strategic decisions.

Strategic Planning:

Collaborated with utility teams to develop and implement strategic plans aligned with industry trends and regulatory changes.

Assisted clients in navigating the transition to renewable energy sources, ensuring a seamless integration while meeting sustainability goals.

Cost Optimization:

Identified and implemented cost-saving measures without compromising service quality, contributing to enhanced financial performance for clients.

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Conducted thorough operational assessments to identify areas of improvement and develop cost-effective solutions.

Regulatory Compliance:

Stayed abreast of the ever-evolving regulatory landscape, providing clients with guidance on compliance and helping them navigate regulatory challenges.

Developed and implemented strategies to ensure clients remain in compliance with environmental and industry standards.

Academic Credentials & Professional Honors

M.B.A., Business Administration, Hult International Business School, 2018

M.S., Civl Engineering, ETH Zurich, Switzerland, 2013

B.S., Engineering, Polytechnic University of Catalonia (UPC), 2012

Prior Experience

Capital Projects & Infrastructure Director, KPMG, May 2021- June 2023

Capital Infrastructure Engineer, SFPUC, June 2018-May 2021

Business Development MBA Internship, HoloBuilder, Jan 2018-May 2018

Construction & Sustainability Engineer, Implenia Schweiz, Aug 2012-Aug 2017

Project Experience

Bay Corridor Transmission and Distribution Enhancement:

Spearheaded a comprehensive project to optimize the Bay Corridor's transmission and distribution infrastructure for a major utility client. Implemented advanced technologies to monitor and control the grid, improving overall reliability. The project involved collaborating with cross-functional teams to upgrade aging equipment, ensuring a more resilient and efficient energy delivery system.

Undergrounding Initiative:

Directed a high-impact initiative aimed at undergrounding 10,000 miles of power lines. Led project planning, coordination with local authorities, and deployment of specialized teams for the complex task of burying power lines. The undergrounding initiative significantly reduces the risk of outages and wildfire incidents, improving public safety and community well-being