



MICHAEL ANDERSON

Senior Rail Capacity Planner

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SUMMARY

Distinguished Rail Capacity Planner with over a decade of experience in optimizing rail operations and enhancing capacity utilization. Expertise in demand forecasting, strategic planning, and operational efficiency within the rail industry. Proven track record in leveraging advanced analytics and modeling techniques to develop actionable insights that drive decision-making. Adept at collaborating with cross-functional teams to implement innovative solutions that align with organizational goals.

WORK EXPERIENCE

Senior Rail Capacity Planner National Rail Corporation

Jan 2023 - Present

- Developed comprehensive capacity models to forecast future rail needs.
- Collaborated with engineering teams to identify infrastructure improvements.
- Utilized data analytics tools to assess operational performance metrics.
- Designed and implemented strategic plans to enhance service reliability.
- Conducted stakeholder workshops to align capacity strategies with business objectives.
- Presented findings and recommendations to executive leadership.

Rail Operations Analyst Regional Transport Authority

Jan 2020 - Dec 2022

- Analyzed freight movement patterns to optimize scheduling and routing.
 - Provided data-driven insights to improve capacity utilization rates.
 - Supported the implementation of technology solutions for real-time tracking.
 - Facilitated cross-departmental initiatives to streamline operations.
 - Monitored compliance with industry regulations and safety standards.
 - Contributed to annual capacity assessments and reporting.
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EDUCATION

Master of Science in Transportation Engineering, University of California, Berkeley

Sep 2019 - Oct 2020

ADDITIONAL INFORMATION

- **Technical Skills:** Capacity Planning, Data Analysis, Forecasting, Stakeholder Engagement, Regulatory Compliance, Strategic Planning
- **Awards/Activities:** Increased rail capacity utilization by 20% through innovative scheduling.
- **Awards/Activities:** Received 'Employee of the Year' award for outstanding contributions to operational efficiency.
- **Awards/Activities:** Successfully led a project that reduced operational costs by 15% over two years.
- **Languages:** English, Spanish, French