

Contact

www.linkedin.com/in/rulensd
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Top Skills

Anglais
Analyse de système
Transport ferroviaire

Languages

English (Native or Bilingual)
French (Native or Bilingual)

Dominique RULENS

High Speed Railway Global System Expert
Montreal, Quebec, Canada

Summary

Dominique RULENS, CNAM (Conservatoire National des Arts et Metiers - FRANCE) Chartered Civil Engineer, member of the American Railway Engineering Association, (AREMA) and trained in FIDIC Contract Management, has 40 years plus of experience in design and construction of railways and high-speed rail lines, both in France and internationally. In the course of his rail career, he has acquired considerable expertise in the management of projects from preliminary design studies to the certification process. He has worked through all project phases - from infrastructure design and construction to commissioning as well as turnkey delivery. He began his career at SNCF (Fench National Railways) in 1982 in the operation and stations management department. Dominique then progressed into engineering and participating in High Speed Line (HSL) projects such as: Nord, Mediterranean and Eastern Europe in France, HS1 and HS2 in England and the HSL projects in California (CHSR), Florida HSR Project and North East Corridor in US. Dominique was the Technical Director for the reference and preliminary design of HSL in Russia and for the Oslanken project package 3 in Sweden and held the position of High speed Director for SYSTRA USA.

Dominique moved in 2016 to WSP in a position of Deputy Director Program Integration and Coordination inside the California High Speed Rail Authority.

As part of his role of Certification and Commissioning Manager for the Eastern High Speed Line in France, Dominique was part of the team that organised the world speedrecord on rail (574.8 km/h or 357.2 mph).

Specialties: Railway alignment definition, Rail Head Design, Earthworks movement and design, Drainage definition and design, Station layout and organization, road design, System definition, Railway system interfaces, project management (risk analyses,

cost control, planning, contract management, human resources...),
Railway operation and safety.

Experience

Rail High Velocity Systems

CEO

January 2026 - Present (4 months)

Verneuil-en-Halatte, Hauts-de-France, France

Provide executive expertise on regulatory frame work, planification, design, construction and certification/homologation of high speed rail systems

SYSTRA Canada

Directeur Technique Grande Vitesse

June 2025 - January 2026 (8 months)

Montreal, QC, Canada

California High-Speed Rail Authority

8 years 9 months

Deputy Chief of Rail and Operations

February 2023 - April 2025 (2 years 3 months)

États-Unis

In charge of the HS railway infrastructure Management

Rail Delivery Program - Deputy Director

August 2016 - January 2023 (6 years 6 months)

Dominique has a role of Program Integration and Coordination with objectives to provide outstanding service from the Rail Delivery Partnership by delivering executive leadership, directing the Program Integration Team, providing programmatic and systems level oversight, and coordinating with the Rail Delivery Partner executive team and the Authority and regulatory bodies for optimal program operation

WSP

Senior Director, construction Management

August 2016 - January 2022 (5 years 6 months)

CHSRA Rail Delivery Program - Deputy Director - Integration and Coordination

SYSTRA - North Europe

Project Director

April 2015 - June 2016 (1 year 3 months)

Goteborg, Sweden

OSTLANKEN 3 High speed line project - in a JV with COWI manage the design of a section of the Stockholm to Malmoe high speed line up to EIS/EIR and parlement approval,

SYSTRA Consulting, Inc.

High Speed Rail Director

December 2012 - March 2015 (2 years 4 months)

Philadelphia, USA

Bringing SYSTRA' s European High Speed Expertise to the US high speed rising market and involved directly in several projects:

- Amtrak North East Corridor New Jersey upgrade: As System safety consultant and supporting Amtrak for NEC infrastructure upgrade and Tierce III rolling stock homologation.
- California High Speed Line: Supporting the SYSTRA team involved in the first Design Built Contract in a team with Parsons and Tutor Perrini.
- Helping SYSTRA Consulting to develop its market share into US High speed market.

SYSTRA

Senior PROJECT MANAGER

June 2012 - December 2012 (7 months)

International

a) Thaïlande - LGV Bangkok to Hua Hin

Preliminary design of 230 km of HS Line. Inside a Consortium management of the team In charge of Operation and systems

b) London, United Kingdom - HS2 - South Rural Contract:

Inside a consortium I am providing expertise on Alignment, track design, and interface between all systems to fulfill requirement of a 400 kph high speed line.

c) Rail Baltica Latvia:

In association with AECOM, answering the tender for the reference design of the Rail Baltica line on the territory of the Latvia republic. Managing the writing of the Technical methodology.

INEXIA (SNCF group)

Project Director

August 2010 - June 2012 (1 year 11 months)

International Department

1) Technical director high-speed rail project in Russia: In charge of the reference and preliminary design of a new Russian high speed line (650 km – 400 km/h) including all the aspects from civil engineering to systems and including rolling-stock, depot, maintenance and stations.

Management of a team of 80 engineers of varying skills. The project includes management of subcontractors for hydrological, geological and topographical surveys and managing the engineering contract for Russian Railways (16 m€ contract).

2) Deputy Technical Director for Florida HSR: Within a consortium with Bechtel and SNCF, preparing the proposal for Florida HSR project. In charge of the civil engineering design and management of all interfaces with the systems. Managing Inexia contract inside the consortium (2 m€ contract).

SNCF

Deputy Project Director

November 2009 - August 2010 (10 months)

PARIS & SAO PAOLO

BRAZIL TAV Project

Preparing tender proposal for the Brazilian government bid to build a high-speed line from Rio de Janeiro to Sao Paulo and Campinas. In charge of all infrastructure design and proposal, including alignment optimisation, station setting, choice of track system and signalling system, Management of interfaces with Brezilian contractors, topography, geotechnic and hydrology surveys.

SYSTRA

Senior PROJECT MANAGER

September 2007 - June 2009 (1 year 10 months)

San Francisco - USA

Systra Team Manager:

Managing the team of expatriate experts and US engineers and developing Systra's US business.

CHSRA Deputy Infrastructure Director :

Deputy director of the team in charge of infrastructure design particularly in charge of civil engineering and track design, also managing local subcontractors in charge of design of the preferred alignment for Sacramento and Central Valley area.

He was also in charge of Developing codes and standards for high-speed line construction: Defining, writing, and reviewing codes, technical memorandums and standards concerning the design and construction of a high speed rail project in accordance with US Federal and local codes and laws.

SNCF

Project Manager

April 2003 - August 2007 (4 years 5 months)

PARIS

Commissioning Project Manager

Commissioning and permit to use of the French eastern high-speed line:

In relation with the French railway infrastructure owner and the French safety authority, editing the specification for the commissioning and the permit to use of the French Eastern high speed line. Management of all activities and document provided by contractors leading to permit to use of the line.

Part of the team that organised the world high-speed record on rail with the TGV (574.8 km/h – 357.2 mph on 3rd April 2007)

Stations Project Manager

Client representative In charge of planning, budget control and technical checking for stations construction. Managing all interfaces between the different contracts that are part of station construction.

Keolis

RAILWAYS INFRASTRUCTURE EXPERT

September 2001 - March 2003 (1 year 7 months)

LONDON UK

Dominique was involved in the infrastructure analysis and proposal of possible enhancements in order to improve line capacity and timetable robustness.

Dominique was involved in the management of infrastructure improvement for South Central, South east, Thames link and Transpennine franchise. He leads a study to modify track layout in the entrance of the stations in order to optimise platform occupation time in London victoria, clapham Junction, London Blackfriars and London Bridge.

He was also involved in the analysis of infrastructure for the concessionaire and investment proposal to mitigate all risks during the process of bid for new concession as Mersey rail, Northern and Wales Border. The process was to calculate the level of saturation of the network and then to propose investment

solution in order for the infrastructure to be able to support the level of traffic expected, to be able to organise clock face time table.

SYSTRA

SENIOR WORK SITE MANAGER

November 1997 - September 2001 (3 years 11 months)

UK HS1 - Senior Field Engineer

Contract management for a section of a high -speed railway line: 20 km of civil works (earthworks, drainage, over and under-bridges, 3 cut and cover tunnels).

Managing a team of 10 engineers in charge of monitoring and checking the works of contractors. Checking work quality according to technical requirements and standards, editing daily and monthly report to the client, evaluating the contractor's proposal for modification and deviation and submit answer to the client.

UK HS1 - Senior Civil Engineer

Design lead engineer for Section 210 and 420 of the HS1: In charge of earthworks and drainage design for two high-speed line sections. Managing a team of 10 engineers doing slope calculation, earthworks movement, ground treatment and foundation calculation, Rain catchment area and drainage size calculation

SNCF

15 years 4 months

LEAD ENGINEER

September 1988 - November 1997 (9 years 3 months)

Design Control Lead Engineer - MEDITERRANEAN HIGH SPEED LINE, 1994-1997

Head of department in charge of design checking and quality control for the Mediterranean HSL. Managing 4 teams of five engineers, each team being in charge of checking the design and approval of plans and documents for construction.

Design project Manager - TGV INTERCONNECTION, 1988-1994

Managing teams of engineers and CAD technicians in charge of the detailed design of:

Roissy Charles de Gaulle airport HSR station (Infrastructure part)

Euro Disney HSR station (Infrastructure part)

This design include production of all calculation and drawings for cut and fill works, cut and cover cutting and backfilling, temporary drainage during works and final drainage, platform construction and equipment..

Railway Operating System Management – Station manager
August 1982 - August 1988 (6 years 1 month)

1) PARIS GARE DU NORD – TRAIN OPERATION MANAGER

Managing train operation in Paris Gare du Nord (Second biggest station in the world with more than 500 000 passenger per day)

2) SNCF NORTH OF PARIS – FRET YARD MANAGER

Managing a Fret Yard where was transiting around 1000 wagons per day

Education

Conservatoire national des arts et métiers - Cnam

Engineering Degree in Civils (Master Degree in Civils), Road - earthworks - Drainage - Railways · (1992 - 1994)

Université de Picardie Jules Verne (Amiens)

DUT, Civil Engineering - Associate Degree in Civils · (1978 - 1980)

Activity

04/07/2026, Peter Anderson added candidate to Rail Systems - HSR

04/21/2026, Viewed by Peter Anderson