Domain IT Architect

Employer:	East West Railway Company
Location:	Milton Keynes
Basis:	Interim to Permanent
Role Summary:	As *EWR Domain IT Architect – P3M*, and a member of the IT Team, you will co-lead the *P3M IT Centre of Excellence* with the PMO/Project Control *Information Asset Owner (IAO)*, and work with your other IT colleagues to define the best IT Technology Architecture to support the Company's objectives and in particular the key objective to build 'better, cheaper, quicker'.
Team dimensions:	Reporting directly to the Head of IT Strategy & Architecture

A little bit about us:

East West Rail is a new direct connection, linking communities between Oxford and Cambridge, including Bicester, Milton Keynes and Bedford by rail.
Oxford, Cambridge and the communities in between are renowned for their vibrant economy, educational excellence and scientific innovation. They deliver growth and prosperity both locally and for the whole country; connecting these two cities and the communities in between is crucial to the social and economic future of the region.

East West Railway Company was set up to accelerate the delivery of the East West Rail infrastructure and passenger services, bringing faster journey times and easing pressure on local roads.
We were set up by the Secretary of State for Transport in 2017 to do things differently. We aim to innovate, positively disrupt, and challenge the status-quo, leading to quicker and more cost-effective project delivery, and an improved experience for passengers and the communities we serve.

As we build our team, we're looking for people with the right skills and mindset so that we can innovate, positively disrupt and set new industry standards. Whether you've been working on

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some of the world's most exciting rail and infrastructure projects or can inspire us with your ideas and expertise from other sectors, we want to hear from you.

Responsibilities and Accountabilities

The P3M Domain Architecture maintains the IT for the following critical processes:

- Schedule Management
- Costs Management
- Risks & Issues Management
- Contract Management
- Document Control
- Change Management
- P3M Reporting

The role will lead on the IT / Digital components of:

- Managing the P3M IT Centre of Excellence, gathering requirements from the P3M Information Asset Owner (IAO) and the IT experts respectively in charge of: Data Architecture, IT Project Delivery, IT Support and Quality, and IT Strategy
- Mapping and the ownership of the As-Is IT Architecture in the P3M Domain, in particular to document, identify the Application and Technology layers, identify weaknesses and opportunities
- Translation of the future business needs for P3M into a To-Be Architecture
- Definition and design of IT Technology solutions to fill in the gaps between As-Is and To-Be IT Architectures
- Provision and implementation of recommendations based on current best practice and 3rd Party solution alternatives
- Definition of an achievable roadmap of implementation taking into account the business requirements but also external (e.g. technological, political, supply chain) and internal (e.g. project management resource, budget, priorities) constraints; in agreement with the IT Delivery Manager who is in charge of the IT Roadmap implementation on time, quality, and budget,
- Implementation of Business Intelligence reporting in the P3M area
- Representing EWR in relevant industry forums

The functional area may grow in the future to encompass other critical domains such as: Corporate/Finance, Commercial & HR, Health/Safety/Security/Quality

Support
- To support the Data Architect with the definition of the *As-Is* and *To-Be* Data Architectures and with Data Modelling activities.
- To support the Head of IT Strategy with EWR's overall IT Architecture and IT Strategy
- Tasks delegated by the Head of IT Strategy & Architecture
- The deployment of the EWR Co.'s Information Roadmap

Role Dimensions

Reporting to the Head of IT Strategy & Architecture.

The Domain IT Architect – P3M owns the IT Architecture in the P3M and Corporate Centres of Excellence and support the IT Strategy in these areas. This includes the definition of the best tools, functionalities and required integration within EWR's IT eco-system, as well as the development of required Business Intelligence reporting in the domains.

Experience and skills

- Demonstrably fair, open and honest, with a strong moral compass
- Unswerving in your attempts to seek the best value to the public purse
- A self-starter who excels in a fast-paced and changing environment
- A persuasive programme manager, able to take stakeholders on a journey to help achieve their aims
- Comfortable in a politically influenced environment where strategic change may frequently lead to a new approach and a sudden reworking of previous efforts.
- Intrinsically flexible and relaxed in a role which grows and changes as the project develops, doing whatever is necessary to deliver the desired outcomes
- Motivated by helpfully challenging your peers, and being challenged by peers, to achieve better outcomes
- A problem solver who is excited by resolving issues at pace
- Proficient in using your analytical skills to develop and deploy incisive mitigations
- A passionate supporter of innovation and improvement, who is always searching for better ways to deliver
- Captivated by the opportunity to lead disruptive change to the UK infrastructure sector
- Motivated to develop and grow professionally
- honesty and accuracy and drive successful delivery and productivity change

You should apply if you have:

Skills:
- IT Architecture skills (Certification in an architecture framework a plus, but not mandatory)
- Cloud technologies
- Knowledge of web-based systems architecture, service-based architecture, enterprise application architecture
- Analytical skills: Ability to understand business requirements and convert them into solution designs
- Experience in IT Systems Design, Integration of Systems
- Entrepreneurship
- Innovation

- Stakeholder Management
- Project Management
- Business Process Improvement
- Vendor Management

Knowledge:
- Educated to B.S. degree in Computer Science, Software Engineering, MIS or other discipline with experience in IT

Experience:
- 3 or more years' experience within P3M or construction
- 3 or more years' experience in Systems Architecture
- Familiarity with the P3M toolset including Oracle P6, ARES Prism, Sword ARM, Oracle Unifier, etc
- Familiarity with reporting tools including PowerBI and Azure
- Experience with enterprise integration tools
- Experience, though certification is not essential, in SCRUM or Lean

What we offer:

- Competitive base salary
- Up to 20% bonus based on individual and company performance
- Up to 12% employer's pension contribution
- 36 days holiday a year (including bank holidays) + up to 2 days to buy
- Life assurance
- Employee Assistance Programme
- Perks platform with hundreds of discounts and freebies
- On-the-spot and annual awards
- Advanced learning and development programmes
- Great work-life balance and flexible working opportunities
- Enhanced family-friendly policies
- Exceptional IT tools

Join the team!

Please send your resume and a covering letter explaining why you are interested in the role and meet the above experience requirements to: **recruitment@eastwestrail.co.uk**