

NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Road Transport & Highways)

The National Highways Authority of India (NHAI) is responsible for development, maintenance and management of National Highways entrusted to it and for matters connected therewith or incidental thereto.

2. NHAI proposes to engage the services of professionals for the following positions on contract basis for ICT Project Monitoring Unit at NHAI Headquarters. The Details of positions and terms & conditions as well as period of engagement, eligibility, experience etc. are as under:-

Sr. No.	Name of the posts	No. of posts*
1.	Jt. Advisor (Product Management)	1
2.	Asst. Advisor (Data Scientist)	1

** Number of posts may increase or decrease.*

DETAILS OF ELIGIBILITY CONDITIONS

1. Joint Advisor (Product Management)

1	Designation	Joint Advisor (Product Management)
2	Number of Posts	One (01)
3	Method of Recruitment	On Contract basis
4	Period of Contract	On Full-Time Contract basis initially for a period of 02 years, which may be extended, subject to performance appraisal, with the approval of the Competent Authority as per EP/YP Policy of NHAI
5	Monthly Remuneration Bands (Rs.)	Rs. 1,50,000 - 1,81,000 /- (all inclusive)
6	TA/DA	No TA /DA shall be admissible for joining the assignment or on its completion. However, the Joint Advisors shall be allowed for TA/DA and Hotel accommodation for their travel inside the country in connection with the official work, at the same rates as admissible to Manager level officers in NHAI.
7	Educational Qualification	Basic Qualification : Bachelor's degree in Science / Technology / Engineering / Business Administration or related fields from a recognized university/institute. Desirable Qualification: Master's Degree in Science / Technology / Engineering / Business Administration or related fields from a recognized university/institute
8	Age Limit	Not exceeding 48 years as on prescribed last date of receipt of online applications.
9	Experience	Experience: (a) Minimum 05 years of product management experience including managing the KPIs, Requirements, UX and direct coordination with technical teams and business stakeholders. (b) Should have experience in SDLC life cycles (Scrum or Agile) and task management software's Jira or Github preferred. (c) Experience with product level data analytics, user-engagement, feedback, setting up KPIs etc. (d) Demonstrated experience in designed work-flows, mock-ups

		<p>and re-engineering of processes using IT.</p> <p>(e) Previous experience as team lead in software development is preferred</p> <p>Specific Experience (if any): To be decided by IT Division on case-to-case basis as per emerging need</p>
10	Job Description	<p>a) Support NHAI in management of its core IT Systems (Data Lake and other supplementary or integrated systems). Understand the business requirements and provide technical inputs wherever required.</p> <p>b) Designing framework, monitor development of IT enabled products / services such as:</p> <ul style="list-style-type: none"> i. Incident Response Management System for highway emergencies ii. Raj marg Yatra App- Citizen interface for NH related feedback and complaints for the highway users iii. GIS based Portal of NH projects for Planning and Monitoring <p>c) Support NHAI in its digitization journey by re-engineering the existing offline processes and making them online and seamless. Prepare road maps, roll-out plans etc for use of emerging technologies and BI to strengthen decision support system.</p> <p>d) Conduct user interviews and surveys to gather bottom-up feedback / end user expectations on the functioning of NHAI's IT systems / Mobile apps. Support NHAI to design and roll out systems on Agile model & prioritize SDLC for such initiatives.</p> <p>e) Finalize functional requirements, UI/UX wireframes, workflows for ongoing and new requirements and check its effectiveness.</p> <p>f) Liaison, with IT vendors and downstream NHAI counterparts to provide supervisory services and help NHAI in contract management with vendors. Monitoring the use of NHAI IT systems and preparing KPIs for vendor management.</p> <p>g) Review and approve software artefacts to ensure it meet customer, business and compliance requirements.</p> <p>h) Co-ordination with high level authorities and stakeholder of other organizations for faster delivery of solutions and resolutions.</p> <p>i) Any other responsibility as assigned by NHAI during the tenure.</p>

2. Assistant Advisor (Data Scientist)

1	Designation	Assistant Advisor (Data Scientist)
2	Number of Posts	One (01)
3	Method of Recruitment	On Contract basis
4	Period of Contract	On Full-Time Contract basis initially for a period of 02 years, which may be extended, subject to performance appraisal, with the approval of the Competent Authority as per EP/YP Policy of NHAI
5	Monthly Remuneration Bands (Rs.)	Rs.1,10,000-1,32,000/- (all inclusive)
6	TA/DA	No TA /DA shall be admissible for joining the assignment or on its completion.
7	Educational Qualification	<p>Basic Qualification : Bachelor's degree in Science / Technology / Engineering / Maths / Statistics from a recognized university/ institute.</p> <p>Desirable Qualification: Master's degree Science / Technology /</p>

		Engineering / Maths / Statistics / Business Administration from a recognized university/institute
8	Age Limit	Not exceeding 35 years as on prescribed last date of receipt of online applications.
9	Experience	<p>Experience:</p> <ul style="list-style-type: none"> (a) Minimum 02 years experience in Data Science, Analytics with large data sets and proficiency in SQL and strong proficiency in conducting analysis in Python. (b) Professional Experience building visualizations and dashboards through BI solutions (Power BI, Tableau etc.) (c) Fundamental understanding or demonstrated experience of using algorithmic techniques such as machine learning, optimization, NLP, GIS, network analysis is preferred <p>Specific Experience (if any): To be decided by IT Division on case-to-case basis as per emerging need</p>
10	Job Description	<ul style="list-style-type: none"> a) Support NHAI in management of its core IT Systems (Data Lake and other supplementary or integrated systems). Understand the business requirements and provide technical inputs wherever required. b) Designing framework, monitor development of IT enabled products / services such as: <ul style="list-style-type: none"> i. Incident Response Management System for highway emergencies ii. Rajmarg Yatra App- Citizen interface for NH related feedback and complaints for the highway users. iii. GIS based Portal of NH projects for Planning and Monitoring c) Support NHAI in its digitization journey by re-engineering the existing offline processes and making them online and seamless. Prepare road maps, roll-out plans etc for use of emerging technologies and BI to strengthen decision support system. d) Conduct user interviews and surveys to gather bottom-up feedback/ end user expectations on the functioning of NHAI's IT systems / Mobile apps. Support NHAI to design and roll out systems on Agile model & prioritize SDLC for such initiatives. e) Finalize functional requirements, UI/UX wireframes, workflows for ongoing and new requirements and check its effectiveness. f) Liaison, with IT vendors and downstream NHAI counterparts to provide supervisory services and help NHAI in contract management with vendors. Monitoring the use of NHAI IT systems and preparing KPIs for vendor management. g) Review and approve software artefacts to ensure it meet customer, business and compliance requirements. h) Co-ordination with high level authorities and stakeholder of other organizations for faster delivery of solutions and resolutions. i) Any other responsibility as assigned by NHAI during the tenure.

The terms and conditions of engagement will be in according to NHAI Policy Guidelines for engagement of External Professionals and Young Professionals No. 1.3.1.37/2024 dated 06.08.24. The Policy Guidelines are attached with the Advertisement.

NHAI will have the right to terminate the contract at any time, without assigning any reason.

Submission of Applications: Applications are to be submitted online only. The procedure to be followed for filling up the online application is given in the online application portal, which can be accessed at <http://www.nhai.gov.in>. Eligible candidates may apply online on the link provided on the website of NHAI **by 05.10.2025 (upto 06:00 PM)**.
