ORGANIZATION | National Institute of Urban Affairs (NIUA)
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FUNCTIONAL TITLE | Full Stack Web Developer – MERN
PROJECT NAME | This is an Upcoming Project
DUTY STATION | NIUA / MoHUA
DURATION | 12 months
TYPE OF CONTRACT | Individual full-time contract

About the National Institute of Urban Affairs (NIUA):

Established in 1976, the National Institute of Urban Affairs (NIUA) is a premier institute of the Ministry of Housing and Urban Affairs, Government of India, for research and capacity building for the urban sector in India. NIUA’s broad objective is to bridge the gap between research and practice on issues related to urbanization. For more than 40 years now, NIUA has been the vanguard for contributing to and building the urban narrative for a fast-evolving urban India. The Institute has been actively working on bringing forth key areas of concern for urban India in order to build the urban discourse at various urban scales. It has utilized its competencies in research, knowledge management, policy advocacy, and capacity building to address urban challenges and continuously strive to develop sustainable, inclusive, and productive urban ecosystems in the country. It has emerged as a thought leader and knowledge hub for urban development in India and is sought out by both Indian and international organizations for collaborations and partnerships in India’s urban transformation journey. NIUA is committed to aligning its efforts toward achieving Sustainable Development Goals (SDGs) through all its initiatives and programs.

About the project:

To implement Data-Smart Cities Strategy at the National level. It constitutes relevant experts in policy framework, data science, data analytics, communications, and other relevant fields. To be instrumental in institutionalizing the data culture in cities and other tasks for strategy implementation such as conceptualization and development of data platforms, capacity building of city officials through workshops and guidebooks, enhancement of datasets and blogs on the Open Data Portal, design and execution of the Data Maturity Assessment Framework across all 100 Smart Cities, advocacy of data initiatives, etc.
Job Description:
The Full Stack Web Developer will work closely with the development team to build applications and technology stack for Data Analytics and Management Unit, MoHUA. The developer must have work experience with both functioning of frontend technologies like ReactJS along with backend development frameworks like NodeJS (Express) and MongoDB or any SQL database.

Qualifications and Work Experience:
● Bachelor or Masters degree in Computer Science
● Professional web development experience of minimum 5 years
● Practical exposure and/or experience with Python for prototyping

Skills Required:
● Experience with HTML5, CSS3 (SASS), JavaScript and frameworks like ReactJS for front-end development.
● Experience with back-end or server-side technologies like NodeJS (Express).
● Good understanding of databases (MongoDB and MySQL recommended).
● Proficiency in responsive web design
● Working knowledge about Protocol Buffers, gRPC, and OpenAPI specifications.
● Adobe Creative Suite skills for precise slicing of design into HTML templates. (Adobe XD or Figma).
● Good understanding and experience of using Linux distro and command-line interface.
● Ability to integrate Google Analytics within the site framework.
● Ability to implement optimization, scaling and caching techniques.
● Understanding of 3rd party API integration.
● Manage and maintain cloud infrastructure on AWS

Location of Work:
National Institute of Urban Affairs, New Delhi

**Number of Positions:**
1

**References:**
Name and contact information of two references to be included in the CV.

**Remuneration and Experience Certificate:**
Remuneration will be commensurate as per NIUA standards within the range of 80k - 1.45L per month. In case the candidate leaves before the completion of the contract period or without handing over all work assigned by the team leader, he/she will not receive any work certificate.

**Application Process:**
Submit CV and cover letter through the NIUA portal.

- This is an upcoming project, therefore, the recruitment process shall begin at a later stage.

**Last Date of Application:**
6 July, 2022