

“Director IT Support, Applications, Web & Social Media”

Job Description and Eligibility Criteria

Position Name: Director IT Support, Applications, Web & Social Media **Position Grade:** NPG-1

Directorate: Energy Information and Futuristic

Location: Islamabad

Key Responsibilities

- Responsible for the coordination of activities related to Business Intelligence (BI) & Advance Analytics projects in the NEECA and undertakes the implementation of these projects to ensure availability and usability of the BI software tools and systems to perform different operations as mandated by NEECA Act.
- Responsible for working on highly complex, cross functional, and enterprise IT and business intelligence solutions, and providing subject matter expertise for key BI core functions
- Responsible for the evaluation of internal and external customers’ needs and abilities in order to provide appropriate solutions.
- To take lead for maintenance of content and pages at NEECA website with reference to mandate and functions of the Authority.
- Responsible for the Development of IT Applications like APPs, Softwares etc. as and when required.
- Responsible for the preparation and posting of social media products in coordination with different departments and for wider outreach for energy efficiency and conservation gains.
- Identifies and provides input to new technology opportunities that will have an impact on the enterprise wide BI systems.
- Advises executives on how BI (processes, practices and technologies) play a critical role in improving business management and optimization.
- Explores the data and discovers patterns, meaningful relationships, anomalies and trends.
- Researches business problems and creates models that help analyze these business problems.
- Leads or provides direction for the planning, designing, and execution of user testing efforts.
- Responsible for designing, implementing, and supporting a distributed blockchain-based network. Analyzing requirements, designing block-chain technology around the business model, and the building and launching of a block-chain network.
- Responsible for Research, design, develop, and test block-chain technologies. Brainstorm and help evaluate applications for new tools and technologies. Applying the latest cryptology techniques to protect digital transaction data against cyberattacks and information hacks.
- Maintain and extend current client- and server-side applications responsible for integration and business logic. Document new solutions as well as maintaining that of existing ones
- Involved in the global block-chain best practices / community—work on implementing and integrating the latest improvement proposals relating to energy conservation and efficiency, block chain technologies and cryptography methods.
- Creating application features and interfaces by using programming languages and writing multithreaded codes.
- Artificial Intelligence/Machine Learning – responsible for research, design, develop, and implement innovative Machine Learning, Artificial Intelligence, deep learning and Data Science solutions to establish and enhance the Analytics capabilities at NEECA and sectors its regulates.

- Research emerging Data Science, Machine Learning, and Artificial Intelligence solutions and be conversant with latest developments in these fields.
- Undertake research and brainstorm with internal external stakeholders to identify areas in which by using innovations in Machine Learning, Artificial Intelligence NEECA can drive automation, knowledge discovery, enhance decision-making and deep insights, and streamline business processes or enable new capabilities.
- Responsible for setting up the GIS function, team and managing its day-day to operations, including organizing, planning, directing and controlling.
- Planning and budgeting for all GIS activities, Overall management of personnel assigned to GIS Teams.
- Evaluating technological advances and promoting usage of appropriate technology and applications among various end-users. Developing and implementing policies and procedures to guide operations.
- Ensuring availability of the GIS products and services, hiring and training the GIS resources.
- Any other relevant duties and tasks as assigned.

Qualification and Experience

- Master's Degree in Computer Engineering or any related discipline from HEC recognized university.
- Minimum 10 years of post-qualification recognized and verifiable experience in the relevant field.
- Maximum age of the candidate should not be more than 45 years on the date of advertisement of this position.
