NRAI SEEKS DATA SCIENTIST

Position: Sports Data Scientist

Reports to: High Performance Director

Job Type: Full Time

Application Deadline: May 05, 2023

Term: Two Years

Location: Delhi India, KSSR Shooting Range

The mission of the NRAI is to administer and promote the sport of shooting in India, to develop programs, services and opportunities that enable members from recreational to the Olympian to reach their maximum potential.
The NRAI is responsible for the selection of athletes and for International competitions including Asian Championships, Commonwealth Games, Championships, International Sport Shooting Federation, World Championships, and the Olympic Games. The general vision of the NRAI is to raise the level of competitive Shooting in India. Of equal if not greater importance is the creation of the best possible atmosphere for its participants to reach their full potential.
Over time, a new High Performance Program (HPP) in all shooting disciplines, grounded in a good sponsorship model, will move our country into the highest possible level of elite shooting countries. This is a position for which we should be working and for which we will work over the next four to six years. We need to encourage, train, guide and help to support India shooters, coaches and teams to World Championship levels.
This goal applies to shooters of all age levels. The NRAI is committed to support and manage the potential of NRAI affiliated shooters through the HPP. In addition, the NRAI will partner with community-based professionals, institutes and universities to promote the sport of Shooting with the best possible programs and training opportunities as well as the welfare of our shooters. The NRAI will work to enhance its efficiency and organizational effectiveness, continue to improve the process of coaching recruitment, education and national coaching programs and recruit and train young referees for domestic and International competitions.

Are you interested in helping INDIA be a world leader in high performance sport at the Olympic Games?
The NRAI is looking for an experienced, passionate and dedicated professional who strives for excellence every day. Come join our team of professionals who challenge National Sport Organizations (NSOs) to achieve podium results at the Olympic Games using decision-support tools, evidence and data.

Scope of the Position
As a Data Scientist, you are responsible for architecture, design and modelling of a Data Warehouse that can produce predictive analytics for the sport of shooting. You will have the opportunity to work on an exciting and challenging project that will assist NRAI High Performance Program in enhancing data quality and governance, creating a data management and analytics platform, improving efficiency, and overall user experience. You will be part of NRAI's digital transformation journey and an integral role in NRAI's mission of achieving sustainable and improved podium performances at the Paris 2024 Olympic Games.
You have a passion for technology, development, and user experiences. Your creative thinking and attention to detail will direct you into creating real applications that align with NRAI's data analytics strategy goals and objectives. You know the right tools, software solutions, and best practices, to create efficient front-end user-friendly applications. This is an opportunity for you to gain experience and knowledge in the sports industry by contributing to NRAI's digital transformation journey.

Qualifications, Education, Skills & Experience
You must possess a passion for data and sports with an in-depth level understanding of statistics and the application of statistical techniques to data analysis, specifically in the field of predictive model development.
- Minimum of 5 years relevant work experience within a fast-paced and complex business setting.
- Ph.D. & Research in computer science, engineering, or a related technical field.
- Artificial Intelligence, Predictive Analysis & Machine Learning

Roles and Responsibilities

Technical applications - project management:
- Manage the complete software development process from conception to deployment.
- Maintain and upgrade the software following deployment.
- Create a clear road map for each application and work with cross functional teams to achieve desired outcomes.
- Work with waterfall-based and agile delivery methodologies.
- Be up to date with software development trends and best practices, to provide forward-thinking recommendations to NRAI's organizational objectives.

Core Competencies:
1) Software/Programming:
- Expertise in front-end technologies: React, Node.js, Angular, Flask, HTML, CSS, and JavaScript
- Server-side programming experience in the following languages: Java, Python, Net, and C#
- Familiarity and experience with Database Management Systems (DBMS) technology
- Solid back background in sport database management systems
- Experience in Cloud-based management systems
- Experience in using Git, Gitlab and GitHub
- Passion for prototyping user interfaces using different design software: Sketch, and Figma

2) Communication & Interpersonal Skills:

- Strong communication skills both in written and verbal form.
- Ability to translate and tailor technical content into business applicable material with clear recommendations and insights relevant to athletes, coaches and management.
- Ability to work effectively in a group/collaborative setting or independently and get results. Ability to work on multiple projects and meet tight deadlines, and remain calm and composed in times of stress and uncertainty.
- Ability to create and maintain strong, meaningful, and lasting relationships and inspire confidence and trust with senior management and key internal and external stakeholders.

3) Project Management:

- Ability to operate effectively in the NRAI High Performance environment by extending the vision to project goals; apply established policies and procedures; understand the impact of NRAI technical projects internally and externally.
- Ability to set achievable objectives, maintain a positive outlook, take responsibility, make decisions and provide constructive feedback; analyze and define a problem, evaluate alternatives and find a solution; analyze the future impact of decisions by taking a big picture approach and strategically position projects within NRAI objectives in short and longer terms.
- Ability to understand standard project management tools and techniques to schedule, plan, track, and correct project performance.

Preferred Assets/Skills:

- Understanding of high performance sports data.
- Depth of knowledge of high performance sport at the national level.
- English, Hindi, etc.

Compensation:
The compensation package will be based on the successful candidate's qualifications and experience.

Application Process:
Apply in confidence by sending your cover letter and resume by February 28, 2023 to:
indiashooitng.com

We thank all applicants for their interest, however only those applicants selected for an interview will be contacted as part of the shortlisting process.