**Position Description:** Full Stack Engineer – CyberRange Product Development

**Position:** Full Stack Engineer (Entry Level / Fresh Graduate)

**Location:** IISc Bangalore Campus

**Organisation**: FSID, IISc Bangalore

**Employment Type:** Full-time

**Primary Responsibilities:**

* Design, develop and support web-based components of the CyberRange platform.
* Develop front-end and back-end functionality for the CyberRange platform using modern frameworks and programming languages.
* Work with cybersecurity researchers to incorporate simulation, monitoring and analytics modules.
* Work with containerization and cloud-based deployment (Docker, Kubernetes).
* Develop and maintain the scalability, performance and security of the components you develop.
* Testing and debugging and continuous improvement of the system.
* Support documentation, user guides and technical reports.

**Essential Skills and Qualifications:**

* Bachelor of Engineering (B.E/B. Tech) degree or equivalent in Computer Science, Information Technology, or any other relevant discipline.
* Strong understanding of web technologies, including HTML, CSS, JavaScript and their modern frameworks (React, Angular, or Vue).
* Competence in backend technologies such as Node.js, Python (Django/Flask) or Java (Spring Boot).
* Knowledge of databases (MySQL, PostgreSQL, MongoDB).
* Basic understanding of Linux environment, Git version control system and RESTful API.
* Interest in cybersecurity concepts, tools and best practices.
* Ability to learn quickly, work as part of a team, and shift project requirements quickly.

**Preferred Skills (Preferred but not Required) :**

* Previous exposure to cloud platforms (AWS, Azure, or GCP).
* Experience with containerization or orchestration tools.
* Some understanding of network security, penetration testing or cyber defense simulations.
* Some experience working with any data visualization or analytics frameworks.