|  |  |  |
| --- | --- | --- |
| **Requirement Reference -** |  | **Job Code:** |
| **Hiring Manager** | Vinkish Garg | |
| **Department** | MSS | |
| **Sub Department** | **Global Equities - Equity Derivatives IT** | |
| **Project Name** | Equity Derivatives IT | |
| **Role** | Senior software developer | |
| **No of Positions** | 1 | |
| **Location** | Pune | |
| **Detailed Job Description:** | Department Overview:  Equity Derivatives IT (EQD IT) team is a global team responsible for the definition and delivery of Equity Derivatives systems across HSBC. The role sits within EQD IT/Structured Products and is closely aligned to the QIS business and front office trading team.  Role:  You will be part of a global team of development engineers supporting the Quantitative Investment Startegy (QIS) business which is an Equity Derivative structuring business. The QIS objective is to build proprietary HSBC Indices which will be used as underlying of our Equity Derivatives and Delta One business. We have to build a production platform to maintain our live strategies as well as a research platform for the next generation of strategies. The QIS business is growing fast and new strategies are requiring us to integrate them within our IT stack. We use mainly Python technology but we are also using KDB, Mongo and aim to use GCP soon. We strive to be devops in everything we do, with a strong emphasis on close engagement with our business, agile processes and continuous improvement. Our technology and the team is considered to be at the forefront of the next generation of applications and is being at the forefront of the Equity Derivatives strategy and Global Markets IT Management.  We value self-motivated individuals who enjoy problem solving and are passionate about technology. As a team we collaborate with our business partners and other IT teams globally and enjoy lively debate in order to find the best solutions to new challenges. We try to learn and review what we did in order to self-develop; overall we care and take pride in the technology solutions we deliver to the Equities business globally.  We are looking for a senior python developer who will be maintaining and buidling certain components fo our stack including a series fo ETLs feeding market data to our research and production environment, monitoring UIs, APIs to access our data and HSBC’s other sources of data, micro services and who will be able to be working hand in hand with our business to build trustworthy data sources. The candidate will join a team of 4 developpers and business members within the QIS team.  Responsibilities:  The senior developer is responsible for working across the Technology delivery lifecycle including inception, construction, testing, release and ongoing management of a product or service in a pod within a Technology team.  They will be required to continually enhance their skills within a number of specialisms which include front end, development, apis, security, testing, and operational support.   * Manage developments end to end (Requirement gathering, development, testing, UAT, deployment and support) * Responsible to deliver high quality software by respecting timelines and quality/integration processes * Rapidly understand technical and functional requirements through regular interactions with business, external data vendors, project managers and developers * Drive adoption of agile mindset and accelerated delivery pipeline by embracing automated tools in DevOps transformation * First line Support (rota), support users on platforms and tools developed * Ensure service resilience, service sustainability and recovery time objectives are met for all the software solutions delivered * Keep up to date and have expertise on current tools, technologies and areas like cyber security and regulations pertaining to aspects like data privacy, consent, data residency etc. that are applicable * Drive the India junior members to help them improve their skills and progress in their career | |
| **Mandatory Skills / Experience:**   * B.E/B.Tech/M.E/M.S degree with 4-12 years of IT experience * Very strong programming skills in Python, OOP and not only scripts, knowledge of common packages * Sound knowledge of data structures, algorithms and design patterns * Solid skills on database, knowledge of either KDB, MongoDb or SQL development * Proficient in code versioning tools such as GIT, SVN etc. * Good understanding of agile methodologies and DevOps tooling such as JIRA, Maven, Jenkins pipeline, Ansible etc. * Working knowledge of Web services, Web UIs, APIs, micro services | |
| **Business Skills / Experience:**   * Solid Equities products understanding and practical experience (what is total return, dividends, corporate actions etc.) * Understanding of structured products (indices structuration, volatility cap, etc.) | |
| **Other** **Skills:**   * Prior Excellent communication skills in English (Spoken and written) * Attention to details * Ability to work in a complex and global environment * Autonomy and team player * Ability to own an entire project cycle with deployment * Agile working methods | |
| **Relevant Experience:**   * Equities is a must * Other asset class derivatives is a plus * Previous exposure to market data vendor is a plus * Equity financing is a plus | |
| **Working Hours:** Typically9am – 7pm | |