

Big Data & AI Platform Architect

Responsibilities

- Oversee and be responsible to ensure BOCHK Big Data and AI platform architectures support the digital transformation initiatives of BOCHK
- Assess solution alternatives; define & design the best solution; and liaise with all parties concerned to drive for the implementation of relevant Big Data and AI platform solutions for BOCHK
- Assess solution alternatives; define and design the best solution; and liaise with all parties concerned to drive for the migration of relevant systems on to the implemented BOCHK Big Data and AI platform solutions
- Liaise with all applicable parties concerned such as BOCHK senior management; end users; and IT professionals; data scientists for the overall smooth and successful project implementations
- Oversee and ensure that proper and effective communications be conducted to all parties concerned for the ultimate successful implementation of digital transformation solutions for the BOCHK Cloud
- Provide thought leadership in BDA and AI platform solution arenas

Experience

- Undergraduate degree in Information Technology or related discipline; Business related degree may also be considered if applicant possesses solid IT industry project experience
- 12+ years of experience in IT industry with which 6+ years in BDA/AI projects
- Solid business knowledge and user experience in banking industry highly preferred
- Able to communicate effectively with non-IT users for relevant innovation projects surrounding big data and AI arenas
- Solid understanding and project experience of BDA and AI solutions, such as the following:
 - BDA architecture patterns and AI patterns
 - BDA and AI adoption patterns
 - Data science and advanced analytics skills, such as the following:
 - Analytics language and tooling (such as R, Python, etc)
 - BDA; ML and DL frameworks (such as Tensorflow etc)
 - Etc
 - BDA platform solution skills; such as the following:
 - Hadoop
 - MapReduce
 - Hive
 - HBase
 - MongoDB
 - etc
- Solid experience to work with large and diverse data sets of multiple types & formats from multiple sources
- Solid knowledge and project experience to cope with security aspects of BDA and AI platform architectures
- Solid knowledge and project experience to cope with operational and management aspects of BDA and AI platform architectures
- Solid knowledge of Software engineering and DevSecOps principles
- Strong analytical skills
- Knowledge of heritage banking system technical architecture
- Excellent communication and interpersonal skills

- Good command in both written and spoken Chinese and English, proficiency of Mandarin is a plus
- Self-motivated and willing to work under pressure

Please apply through Bank of China (Hong Kong) Recruitment website:

<https://careers.pageuppeople.com/798/cw/en/filter/?search-keyword=&department=information%20technology%20department>