



If you share the same passion as us to be part of the aviation industry and aspire to have a challenging and fulfilling career, we welcome you to join us:

EXECUTIVE ENGINEER (Information Systems)

RESPONSIBILITIES

- Define, design, develop and implement IT and engineering systems to optimise operation processes, quality and safety.
- Formulate and build the IT architecture strategy which describe the existing and to-be technology state and their alignment to the functional areas such as digital collaboration, mobile applications etc., within the company.
- Member of the technology group to determine and decide Technology Life Cycle, working closely together with the application team.
- Define and maintain formal reference architecture and guiding principles for related systems and also participate in the reviewing and approving new software and hardware solutions.
- Recommends and participates in the design and implementation of standards, tools and methodologies.
- Experienced in developing server side Java code for a web application in an enterprise environment utilizing a popular J2EE application server (eg. JBoss, Tomcat, Websphere, Glassfish, etc.) with strong SPRING, HIBERNATE and, overall, well documented Core Java skills.
- Good understanding and SQL programming of database servers such as Oracle, MS SQL and MySQL databases.
- Experience with web services, REST, SOAP, XSLT, XSD, and XML.
- Experience developing browser based client side code using web technologies HTML, CSS, SpringMVC, JSP, AJAX, DWR/JSON and especially working with client side javascript and corresponding toolkits like ExtJS/Sencha and the latest javascript libraries/frameworks such as ReactJS and Angular, will be advantageous.
- Experience in data security mechanisms with a deep understanding of cryptographic techniques and protocols.
- Good appreciation and hands on experience of cloud computing in AWS and Azure, server and network set-up and configuration.

REQUIREMENTS

- Singapore Citizen
- Honors Degree in Information Technology / Electrical Engineering / Mechanical Engineering / Aeronautical / Aerospace Engineering
- Excellent analytical, interpersonal, and communication skills
- Hands on experience in IT Infrastructure technologies is preferred. (E.g. cloud computing in AWS & Azure, server and network set-up and configuration etc.)
- Relevant experience in aviation engineering and regulatory design approval is preferred.

Applicants may be placed in the position of Assistant Manager or Executive depending on experience and qualification.

Individuals who are looking for an exciting career in the aerospace industry are invited to email their detailed resume to siaec_recruit@singaporeair.com.sg.

Please note that only short-listed candidates will be notified.