

BACKGROUND

Sector	Infocomm Technology (ICT)
Industry Overview <i>(Brief description of the sector)</i>	<p>The Infocomm Technology (ICT) sector continues to play a key role in Singapore's economic development. According to the IMDA's Survey on ICT Manpower for 2019, the number of ICT professionals employed grew by 8,100 (4.3%) from 2017 to reach 197,500 in 2018. Together with 18,700 ICT job vacancies, total demand of ICT professionals increased by 6.7% from 2017 to reach 216,200 in 2018. Demand for ICT professionals is projected to grow by another 61,600 by 2021. ICT jobs are also in demand across sectors such as healthcare, education and financial services.</p> <p>Singapore is poised to become the world's first Smart Nation which aims to develop Singapore's capabilities in pervasive connectivity and build new infrastructure and common technical architecture to enable citizens, businesses and government agencies to leverage technology to make lives better. This initiative would increase the demand for ICT professionals in the areas of Software and Applications, Network and Infrastructure and Critical Emerging Technology.</p>

JOB DETAILS

Job Title <i>(Upon Completion Of Programme)</i>	<p>The trainee will be trained in one of the following job roles:</p> <ol style="list-style-type: none">1. Technical Engineer/ IT Consultant2. Solution Architect – Container / Pre-Sales Engineer3. Application Development Consultant4. DevOps Consultant
Nature Of Job	<ol style="list-style-type: none">1. Technical Engineer/ IT Consultant The Technical Engineer/IT Consultant is responsible for gathering business requirements, conducting business needs assessment and working with the infra team to come out with solutions that meet organisations' needs.2. Solution Architect – Container / Pre-Sales Engineer The Solution Architect/Pre-Sales Engineer is responsible for deploying and configuring solutions using Red Hat OpenShift. He/she will be heavily involved in applying Red Hat capabilities to help

	<p>customers identify gaps in their environment and help them in their cloud transformation journey.</p> <p>3. Application Development Consultant The AppDev Consultant is responsible for developing and designing systems solutions based on client business processes to support end users' needs on Red Hat OpenShift platforms. He/she will be involved in design, development, testing and debugging software applications and acts as the liaison between system users and the technical team to arrive at effective solutions.</p> <p>4. DevOps Consultant The DevOps Consultant is responsible in ensuring consistent development and operation experience within the organisation. He/she will be involved in understanding existing applications and capabilities around cloud technologies and translate these into practical and workable process for the business.</p>
Monthly Gross Salary	<p>\$4,000*</p> <p>*Starting salary will differ with skills, experience and qualifications.</p>
Job Requirements	NA

COURSE DETAILS

Programme Name	Career Conversion Programme (CCP) for Red Hat Professionals
Programme Overview	<p>Trainees will undergo the following Red Hat training modules for the respective Red Hat job roles:</p> <p>1. Technical Engineer/ IT Consultant</p> <ul style="list-style-type: none"> • RH124: Red Hat System Administration I • RH134: Red Hat System Administration II • RH294: Red Hat System Administration III: Linux Automation • RH318: Red Hat Virtualization

	<p>2. Solution Architect – Container / Pre-Sales Engineer</p> <ul style="list-style-type: none"> • RH199: RHCSA Rapid Track • RH294: Red Hat System Administration III: Linux Automation • DO180: Introduction to Containers, Kubernetes, and Red Hat OpenShift <p>3. Application Development Consultant</p> <ul style="list-style-type: none"> • DO180: Introduction to Containers, Kubernetes, and Red Hat OpenShift • DO288: Red Hat OpenShift Development I: Containerizing Applications • AD183: Red Hat Application Development I: Programming in Java EE • DO378: Red Hat Cloud-native Microservices Development with Quarkus <p>4. DevOps Consultant</p> <ul style="list-style-type: none"> • RH199: RHCSA Rapid Track • RH294: Red Hat System Administration III: Linux Automation • DO180: Introduction to Containers, Kubernetes, and Red Hat OpenShift • DO280: Red Hat OpenShift Administration I: Building a Cluster • DO380: Red Hat OpenShift Administration II: High Availability
<p>Qualification Certificate Name /</p>	<p>Trainees will receive a '<u>Red Hat Certified Specialist</u>' certification specific to the respective Red Hat job roles:</p> <p>1. Technical Engineer/ IT Consultant</p> <ul style="list-style-type: none"> • Red Hat Certified Engineer • Red Hat Specialist in Virtualisation <p>2. Solution Architect – Container / Pre-Sales Engineer</p> <ul style="list-style-type: none"> • Red Hat Certified Engineer <p>3. Application Development Consultant</p> <ul style="list-style-type: none"> • Red Hat Certified Enterprise Application Developer • Red Hat Certified Specialist in OpenShift Application Development

	4. DevOps Consultant <ul style="list-style-type: none"> • Red Hat Certified Engineer • Red Hat Certified Specialist in OpenShift Administration
Full-Time / Part-Time	Full-Time
Duration Of Programme	6 Months
Course Pre-requisites	<p>Interested individuals and employers need to meet the following criteria.</p> <p><u>Individuals</u></p> <p>The Programme is open to all company-sponsored applicants who meet the following General Eligibility Criteria:</p> <ul style="list-style-type: none"> • Singapore Citizen (SC) or Permanent Resident (PR) aged 21 years and above • New hires must have graduated or completed NS, whichever is later, at least two years at the point of application; • Must be a newly hired PMET (i.e. not more than three (3) months from date of employment), and nominated by an eligible company for the CCP; • Must not be in a similar job role prior to joining the CCP; • Must not be a shareholder of the participating company, or its related companies; • Must not be related to the owner(s) of the participating company; and • Must not be immediate ex-staff of participating company or its related companies. <p>Course-Specific Entry Criteria:</p> <ul style="list-style-type: none"> • Pre-requisites for the respective CCP for Red Hat Consultant job roles are as follows:- <ol style="list-style-type: none"> 1. Technical Engineer/ IT Consultant No pre-requisite to participate but a basic understanding of IT fundamentals will be a plus 2. Solution Architect – Container / Pre-Sales Engineer No pre-requisite to participate but a basic understanding of IT fundamentals will be a plus 3. Application Development Consultant

	<p>Basic experience/understanding with web application architectures</p> <p>4. DevOps Consultant Basic understanding of IT infrastructure and architecture</p> <ul style="list-style-type: none"> Enrolment for the CCP is subject to employer's selection based on job requirements and hiring process that may include screening tests and interviews. <p><u>Employers</u></p> <ul style="list-style-type: none"> Registered or incorporated in Singapore with a valid Unique Entity Number (UEN) with Accounting and Corporate Regulatory Authority (ACRA); Offer a full-time PMET position related to job role which the CCP is for, at least a 12-month employment contract; Ensure that new hires are not: <ul style="list-style-type: none"> A shareholder of the CCP company, or its related companies; Related to the owner(s) of the company; and Immediate ex-staff of the company or its related companies. Must put in place structured on-the-job training for the candidate; and Commit to CCP training arrangements for the trainees
Frequency of Runs	Regular (Monthly/Quarterly)

APPLICATION DETAILS

How To Apply For The Programme	<p><u>Applicants</u> Interested applicants can visit https://conversion.mycareersfuture.gov.sg/ to apply. Suitable applicants will be shortlisted by participating employers for interview before embarking on the programme.</p> <p>Individuals can also contact SGTech (Programme Manager) to register your interest.</p>
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	<p><u>Employers</u> For employers, please contact SGTech (Programme Manager) to register as participating companies. Email: ccp@sgtech.org.sg</p>
<p>Programme Manager Details</p>	<p>SGTech 79 Ayer Rajah Crescent #02-03/04/05 Singapore 139955 www.sgtech.org.sg Email: ccp@sgtech.org.sg</p>
<p>Training Provider Details</p>	<p>Red Hat https://www.redhat.com/en/services/training-and-certification</p>