Australian Government

ICTSS00161 Full Stack Web Development for Advanced Roles Skill Set

Release 1

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Modification History

Release	Comments
Release 1	This version first released with the Information and Communications Technology Training Package Version 8.0. Newly created to serve as a stackable skill set that builds towards attaining *ICT60220 Advanced Diploma of Information Technology*. The units in this skill set comprise the mandatory units required for a specialisation in Full stack web development in *ICT60220 Advanced Diploma in Information Technology*.

Description

This skill set addresses the skills and knowledge required to develop user experience (UX) solutions and user interfaces (UIs), create representational state transfer (REST) application program interfaces (APIs) and use containerisation practices in advanced roles in ICT environments.

Pathways Information

The units provide credit towards ICT60220 Advanced Diploma in Information Technology and other qualifications that allow for selection of these units. The units in this skill set comprise the mandatory units required for a specialisation in full stack web development in ICT60220 Advanced Diploma in Information Technology. Users are advised to consult the skill set pathways section of the current version of ICT Companion Volume Implementation Guide to confirm the currency of this information and for further guidance.

Licensing/Regulatory Information

No licensing, legislative or certification requirements apply to this skill set at the time of publication.

Skill Set Requirements

ICTICT530 Design user experience solutions

ICTPRG535 Build advanced user interfaces

ICTPRG553 Create and develop REST APIs

ICTSAD612 Implement and maintain uses of containerisation

Target Group

This skill set is for individuals who work in advanced computer systems architect roles, including senior software developers, and other related roles, who are responsible for independently creating sustainable, flexible and cost-efficient ICT environments using a range of programming, DevOps, and systems analysis and design practices.

Suggested words for Statement of Attainment

These units of competency from the ICT Information and Communications Technology Training Package meet industry requirements for a range of advanced ICT roles that develop user experience (UX) solutions and user interfaces (UIs), create representational state transfer (REST) application program interfaces (APIs) and use containerisation practices in advanced roles in ICT environments.