

# JOB ROLE

# SOFTWARE AND APPLICATIONS PROGRAMMER

## LEVEL OF GROWTH FOR JOB ROLE



- > Projected change of +12.9%
- > From 164,700 in 2023 to 185,900 in 2028

## AVERAGE SALARY FOR OCCUPATION



**Entry level**  
(1-3 years' experience)



**Senior**  
(8+ years' experience)

## WHAT DO EMPLOYERS WANT?



### SPECIALISED SKILLS

- > Software Development
- > Computer Science
- > Agile Methodology
- > JavaScript
- > Automation

### EMPLOYABILITY SKILLS

- > Communication
- > Problem Solving
- > Management
- > Troubleshooting
- > Operations

### DIGITAL SKILLS

- > Application Programming Interface (API)
- > Microsoft Azure
- > Cascading Style Sheets (CSS)

## EMPLOYMENT PROSPECTS



### TOP SOUTH AUSTRALIAN INDUSTRIES WHO ADVERTISED FOR THIS JOB ROLE IN THE PREVIOUS 12 MONTHS:

- > Computer System Design and Related Services
- > State Government Administration
- > Free-to-Air Television Broadcasting
- > Higher Education
- > Software Publishing

### TOP SOUTH AUSTRALIAN EMPLOYERS WHO ADVERTISED FOR THIS JOB ROLE IN THE PREVIOUS 12 MONTHS:

- > State of South Australia
- > Australian Broadcasting Corporation (ABC)
- > Microsoft
- > Fivecast
- > Accenture

### LOOK FOR JOBS BEING ADVERTISED USING THESE JOB TITLES:

- > Software Applications Programmer
- > Software Developer
- > Software Support Technician



## YOU MIGHT CONSIDER UNDERTAKING STUDY TO TRANSITION INTO THESE RELATED JOB ROLES:

- > Systems Analyst
- > Developer Programmer
- > Information Security Analyst

## QUALIFICATION PATHWAYS



**Looking to progress your career?** TAFE SA can help you further your study with these courses (\*fees may apply)

- > Certificate IV in Information Technology (Programming) (ICT40120)
- > Diploma of Information Technology (Advanced Programming) (ICT50220)

Or undertake a range of short courses to supplement your existing knowledge or continue upskilling.

Further information available on the TAFE SA website.

## JOB HOLDER COMMENTS



“I wanted to have a certification that would have value in the future, but was affordable and took a relatively short amount of time to achieve. I’d always been fascinated by software development and had enjoyed writing code on my own, so knew it was the direction I wanted to go in.”

**Frazer Dempsey**

Certificate IV Program in Information Technology (Programming) (ICT40120)



## NETWORKING WITH INDUSTRY



Networking with industry provides you with opportunities to gain employment, advance your career and stay current with industry changes.

Conferences and workshops are an excellent way to introduce yourself to key industry contacts. Upcoming events include:

- > **IICA Technology Expo Adelaide**  
27th November 2024  
Adelaide Showgrounds

Follow these organisations on social media:

- > ISACA
- > Royal Melbourne Institute of Technology (RMIT)

Consider these opportunities to find employment:

- > Send your resume to relevant businesses in your local area
- > Look for employment opportunities advertised on
  - the TAFE SA Jobs Board
  - online employment websites like Seek
  - the job board on your local Regional Development Australia (RDA) website

## CAREER SUPPORT



**Not sure where to start?** TAFE SA's Student Services can provide you with a range of career planning support including:

- > career planning
- > write a winning resume
- > how to respond to selection criteria
- > cover letters that stand out
- > preparing for job interviews

**To find out more, or to book an appointment, visit TAFE SA's Career Support Page: Career Support ([tafesa.edu.au](https://tafesa.edu.au))**

### Data sources:

Industry and job role data sourced 2024 from Lightcast™.(2022). “Labor Insight™ Real-Time Labor Market Information Tool.” Retrieved from <https://labourinsight.lightcast.io/anz>.

Level of Growth for Job Role data sourced 2024 from Employment Projections, Jobs and Skills Australia © Commonwealth of Australia. Jobs and Skills Australia monitors the quality of information available on this website and updates this regularly however Jobs and Skills Australia does not make any representation or warranty about the accuracy, reliability, currency, or completeness of any material contained on this website or on any linked site.

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