New Zealand
ICT
Tertiary Education & Job Series
February 2012

Note:
Indicates new/significant change

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Insights

ICT Jobs

- NZ Seek ICT jobs adverts for the month of February are 3.4% up on the same month last year
- The Waikato has experienced a 48% increase in ICT jobs advertised on Seek compared with last month
  - Absolute IT opens an office in Hamilton - engaged to find ICT professionals for 30 roles in the Waikato and Bay of Plenty regions [Waikato Times]

ICT Salaries

- According to the Robert Walters salary survey for permanent staff in Auckland
  - A .NET/Java developer with 0 to 2 years experience can expect to earn up to $60,000
  - A project manager with 5+ years experience can expect to earn up to $135,000
Seek & Trademe ICT Job Advert Trends All NZ

Source: Seek ICT (Accessed February 2012)
Seek ICT Job Adverts
All NZ
Monthly Trends

Source: Seek ICT (Accessed February 2012)
Seek ICT Job Adverts
Year to February 2012

<table>
<thead>
<tr>
<th></th>
<th>Auckland</th>
<th>Waikato</th>
<th>Wellington</th>
<th>Canterbury</th>
<th>Total NZ</th>
</tr>
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<tr>
<td>Feb-12</td>
<td>1539</td>
<td>61</td>
<td>805</td>
<td>266</td>
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<td>Jan-12</td>
<td>1087</td>
<td>32</td>
<td>543</td>
<td>185</td>
<td>1904</td>
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Source: Seek ICT (Accessed February 2012)
Seek ICT Job Advert Trends Change for the Month of February 2012

Source: Seek ICT (Accessed February 2012)
Seek ICT Job Adverts by Industry Certification February 2012

Linux continues to dominate the NZ market.

<table>
<thead>
<tr>
<th></th>
<th>Auckland</th>
<th>Waikato</th>
<th>Wellington</th>
<th>Canterbury</th>
<th>Total NZ</th>
</tr>
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<tbody>
<tr>
<td>Microsoft</td>
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<td>15</td>
<td>216</td>
<td>89</td>
<td>871</td>
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</tbody>
</table>

Source: Seek ICT (Accessed February 2012)
Seek ICT Job Adverts Filtered by Management Certifications February 2012

Source: Seek ICT (Accessed February 2012)
Top Ten Professional Certifications
Ranking & Percentage of NZ Respondents
2012 ActivTechPros Report

1. Microsoft Certified Professional (MCP) 17%
2. A+ Certification 17%
3. Microsoft Certified Systems Engineer (MCSE) 11%
4. Network + 9%
5. Cisco Certified Network Associate (CCNA) 9%
6. Project Management (PMP) 4%
7. Citrix Certification 4%
8. HP certification 2%
9. Certified Information Systems Security Professional (CISSP) 2%
10. Lotus Professional Certification 2%

Source: ActivTechPros (Accessed February 2012)
Java continues to dominate NZ ICT job market for programmers/developers with PHP a close second.

Source: Seek ICT (Accessed February 2012)
The most sought-after development skills remain Java and .Net, and, within .Net, relatively new technologies such as SharePoint and Silverlight [Josh Comrie, managing director of recruitment firm Potentia]

According to Adam Roi, senior consultant at Robert Half;

- *The existing high demand for .Net developers will increase*
- *The release of the .Net 3.5 framework in 2008-2009 was a huge success for Microsoft and was a catalyst for the growth in senior .Net developer roles*
- *Two areas in which Java is used extensively are integration development and in development work in the financial services sector*

[Refer also to extracts from ComputerWorld article “ICT Job Space 2012” referred to in the December edition of ICT Trends Series]
February Headline: All time low for Basic, all time high for VB.NET

Source: TIOBE (Accessed February 2012)
Comparison by Role
Seek ICT Job Adverts
February 2012

Source: Seek ICT (Accessed February 2012)
Robert Walters NZ Salary Survey
Permanent Salary [IT]
2011

Source: Robert Walters (Accessed February 2012)
Robert Walters NZ Salary Survey
Permanent Salary [IT]

Source: Robert Walters (Accessed February 2012)
Global Salary Survey [NZ]

Outlook for 2011:

- Market becoming increasingly candidate short as more roles are created
- Permanent market to remain steady throughout 2011 due to;
  - Continual growth and rebuilding of teams
  - Replacement of headcount lost through natural attrition
- High demand for professionals with cloud computing experience as businesses look at ways to move their core functions (such as storage requirements, servers and security) to the ‘cloud’
- Business intelligence and social networking experience sought-after
- Senior business analysts in demand

[Accessed February 2012]

Did this match the outcomes/your experience in 2011?
Active Tech Pros
Annual Salary [NZD] by Job Function and NZ Region
2012 Report

NZ Dollar

$0

$20,000

$40,000

$60,000

$80,000

$100,000

$120,000

$140,000

$160,000

IT Management

Project Management

Systems Development

Communications

Support

Administration

Other IT Professionals

Total

Auckland

Wellington

Christchurch

Tauranga

Hawkes Bay

Whakatane

Manawatu

Dunedin

Source: ActivTechPros (Accessed February 2012)
Annual Salary by Job Function & Region (NZD)
Number & Percentage of Respondents
Reporting Year 2011

Note: very low respondent numbers.

Source: ActivTechPros (Accessed February 2012)
US IT salaries rise, bonuses get bigger

- The average wage for tech and engineering pros climbed 2% to US$81,327 last year from $79,384 in 2010
- Stiffer competition/demand for tech pros and the skills they have continues to grow, which contributed to the salary gains
- Workers lucky enough to get bonuses saw an even bigger boost as the average bonus amount rose 8% to $8,769. The percentage of tech pros receiving bonuses climbed to 32% in 2011, compared with 29% in 2010 and 24% in 2009
- The industries most likely to pay out bonuses in 2011 were telecom, hardware, banking, utilities/energy and software
- While the national unemployment rate is roughly 8.5%, the unemployment rate among tech professionals is [just] 3.6%
- "The labour market for tech professionals is tighter than many other industries. That's indicative of the skills tech pros have and their strategic importance to their organizations." [Tom Silver, a senior vice president at Dice.com]

Source: Computerworld (Accessed February 2012)
Hudson [Recruitment Specialists] Survey

- 27 per cent of NZ ICT employees got a pay rise of more than 10 per cent last year
- Statistics NZ's Labour Cost Index showed a national increase in salaries and wages in the private sector of 2 per cent

Industries of the future [Career Advice]

- Globally, commentators list health, leisure, hospitality, education, finance and insurance, the internet, IT and green jobs, with an emphasis on the field of science, engineering and mathematics
- Telecommunications will see growth as cellphones are used for everything from GPS, music.......
- Digital storage is another huge area for growth, as is internet security and cloud computing
- A recent report forecasts a shortage by 2018 in the USA of 19,000 data scientists and 1.5 million data-savvy managers and analysts

[NZ Herald Feb 2012] [NZ Weekend Herald Career Article – 11 Feb, 2012]
Hot Jobs for 2012 [Career Advice]
Top Five Jobs in the IT Industry

- Software developer
- Business analyst
- Project manager
- Business intelligence consultant
- Systems/network engineer

[NZ Herald Career Article – 25 Jan, 2012]
Conclusion

- **Programming Languages**
  - Java remains No.1 in the TIOBE top 20

- **Jobs**
  - The future remains extremely bright for prospective ICT employees in a wide range of well paid jobs/positions

- **Salary**
  - Start on $40,000 per year as a new graduate and within 5 years there is the potential to be earning $100,000 per year

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