



Computer Network Architects



Ranked

52

by count of job opportunities

Percentage

0.52%

of all job opportunities

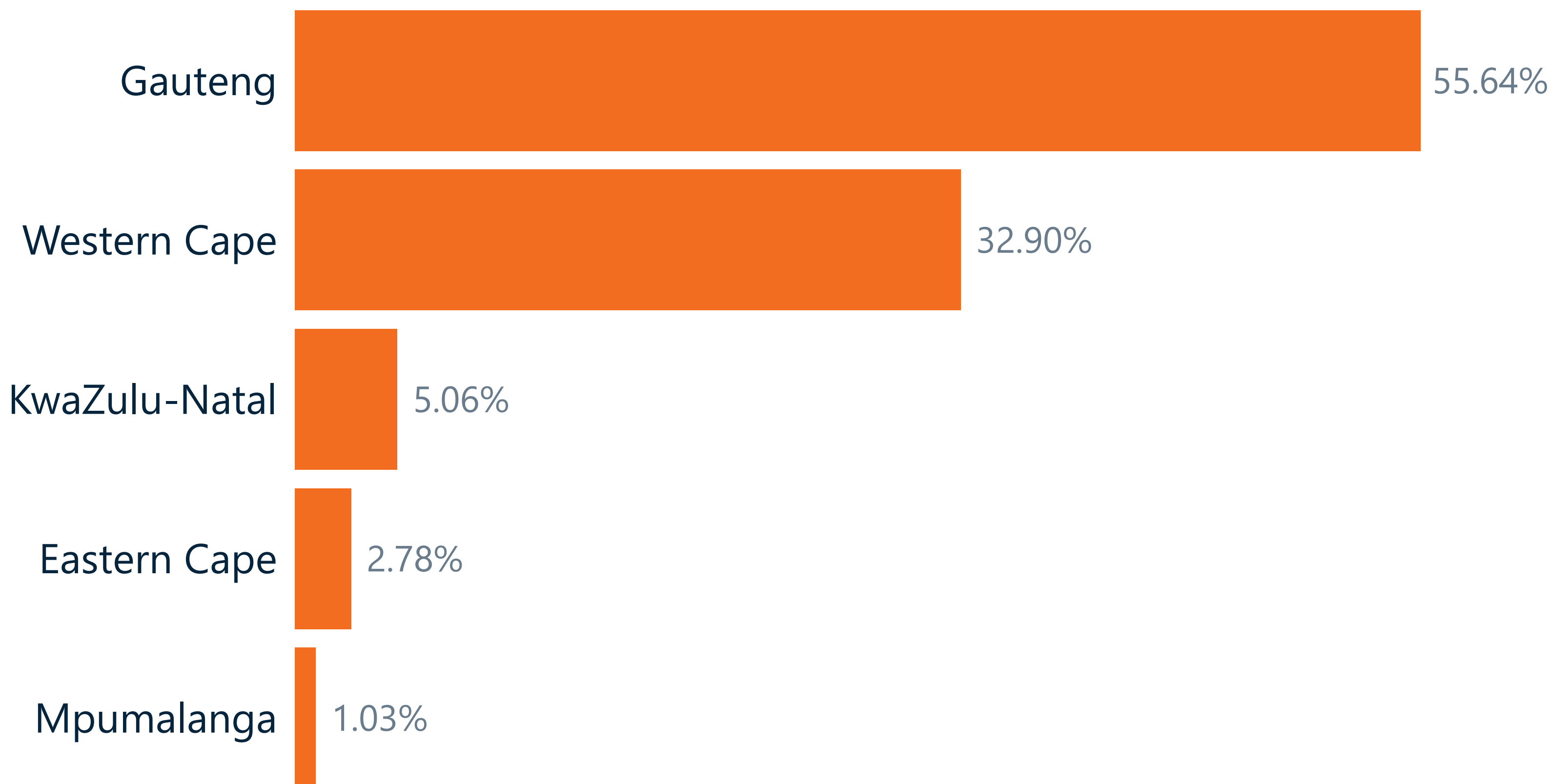
Hard-to-Fill

20.05%

% job opportunities that are "hard-to-fill"

Top 5 Provinces

by percentage of job opportunities



- credit the JobTrendZA and Kululeko Consulting as the original source,
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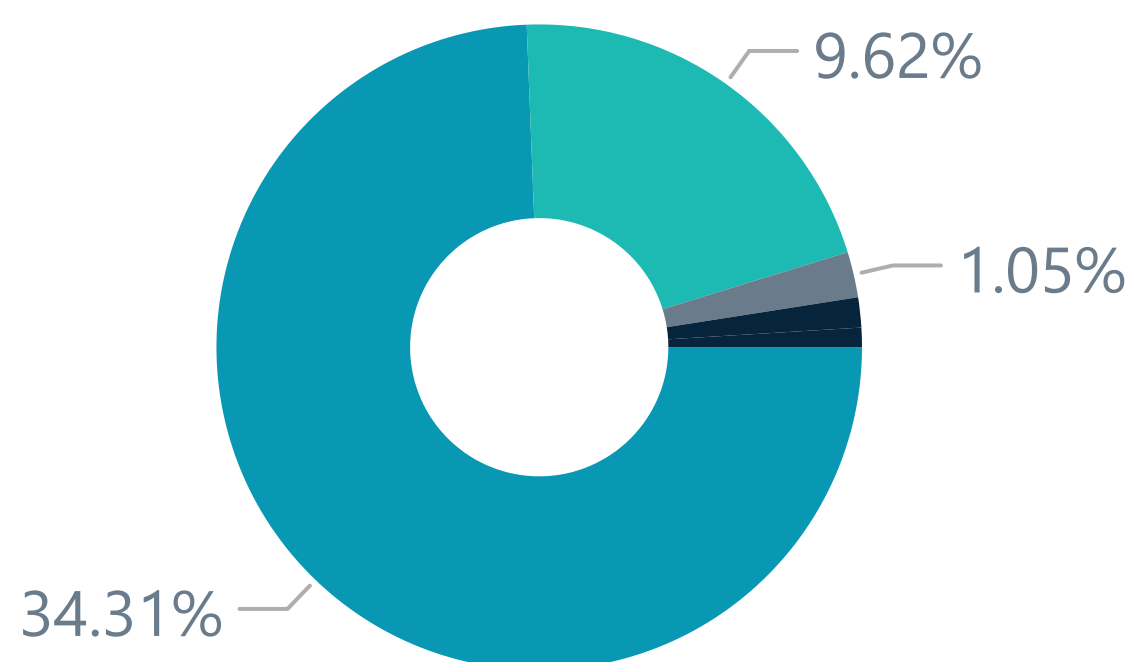
Top 5 Industries

by percentage of job opportunities

Information and communication	46.67%
Administrative and support activities	9.99%
Professional, scientific and technical activities	8.52%
Financial and insurance activities	7.08%
Mining and quarrying	1.66%

Top 5 Company Types

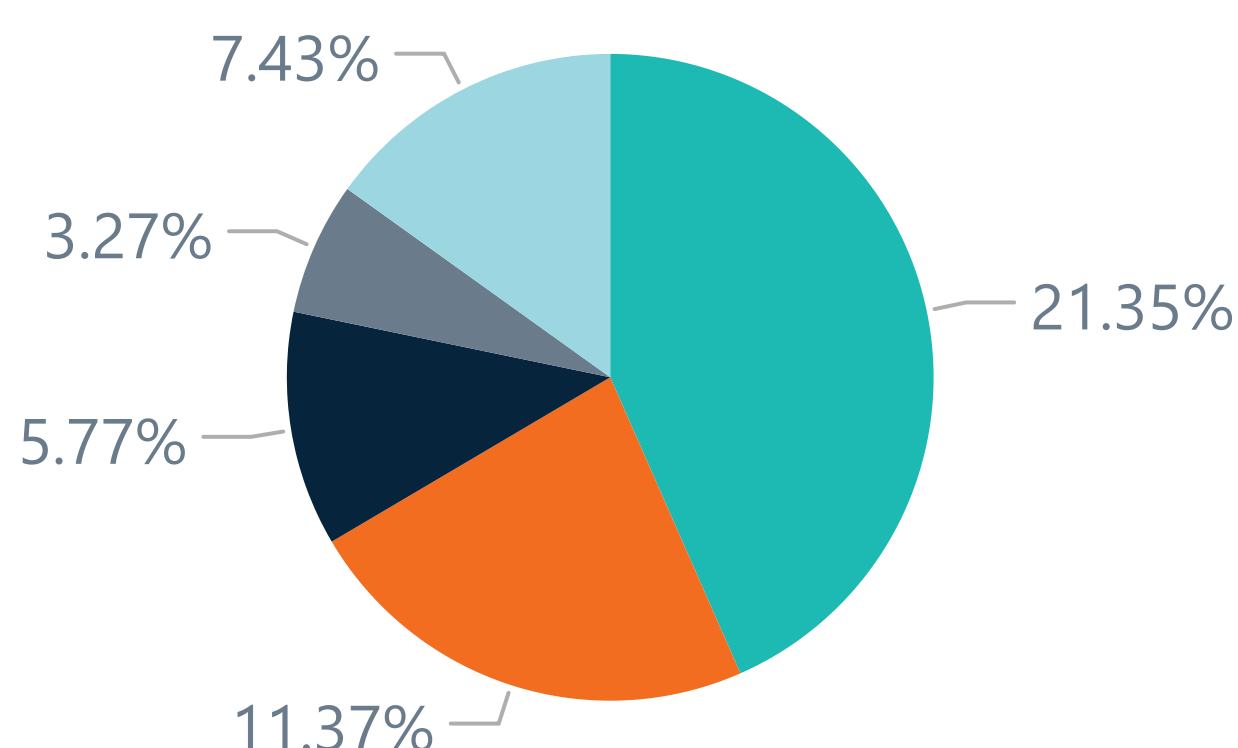
by percentage of job opportunities



- Private company
- Public company
- Partnership
- Corporation
- Government agency

Top 5 Company Sizes

by percentage of job opportunities

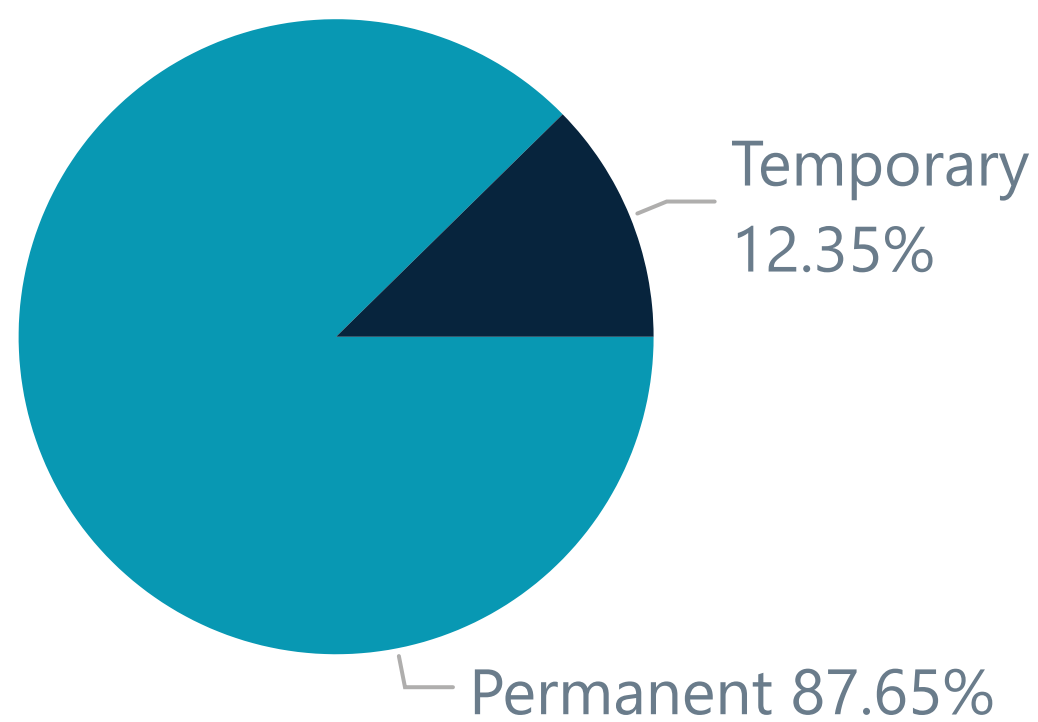


- 1 to 100
- 101 to 500
- 1,001 to 5,000
- 5,001 to 10,000
- 10,001 +

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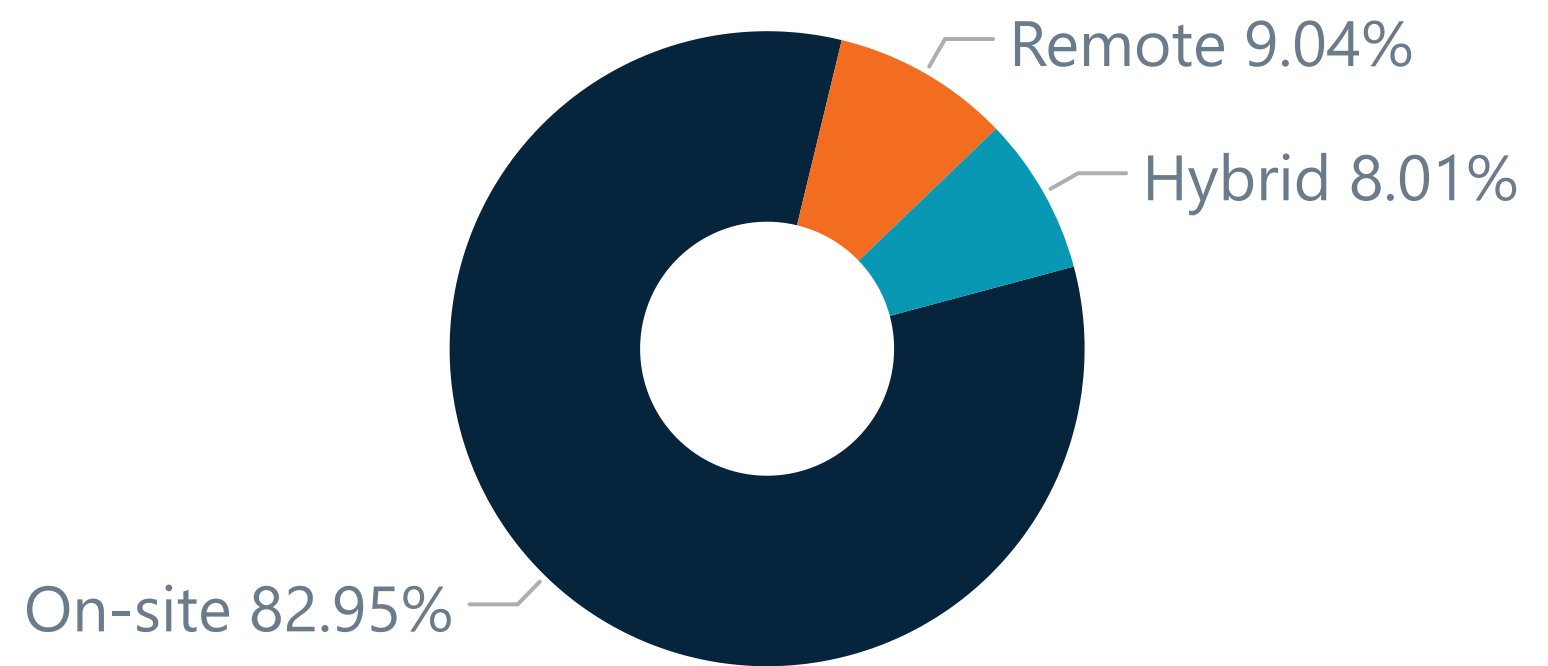
Employment Type

percentage of job opportunities



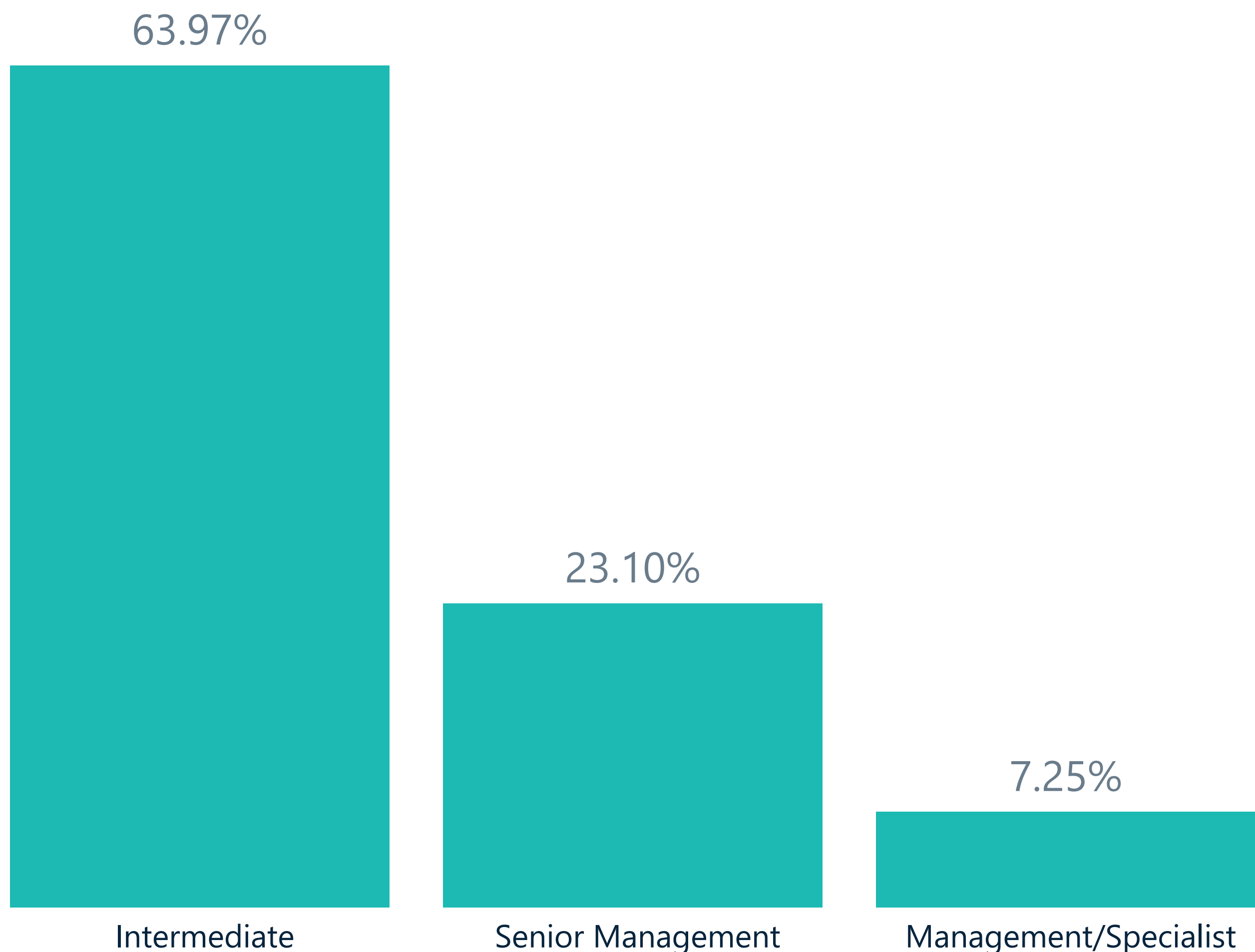
Employment Flexibility

percentage of job opportunities



Top 3 Employment Levels

by percentage of job opportunities



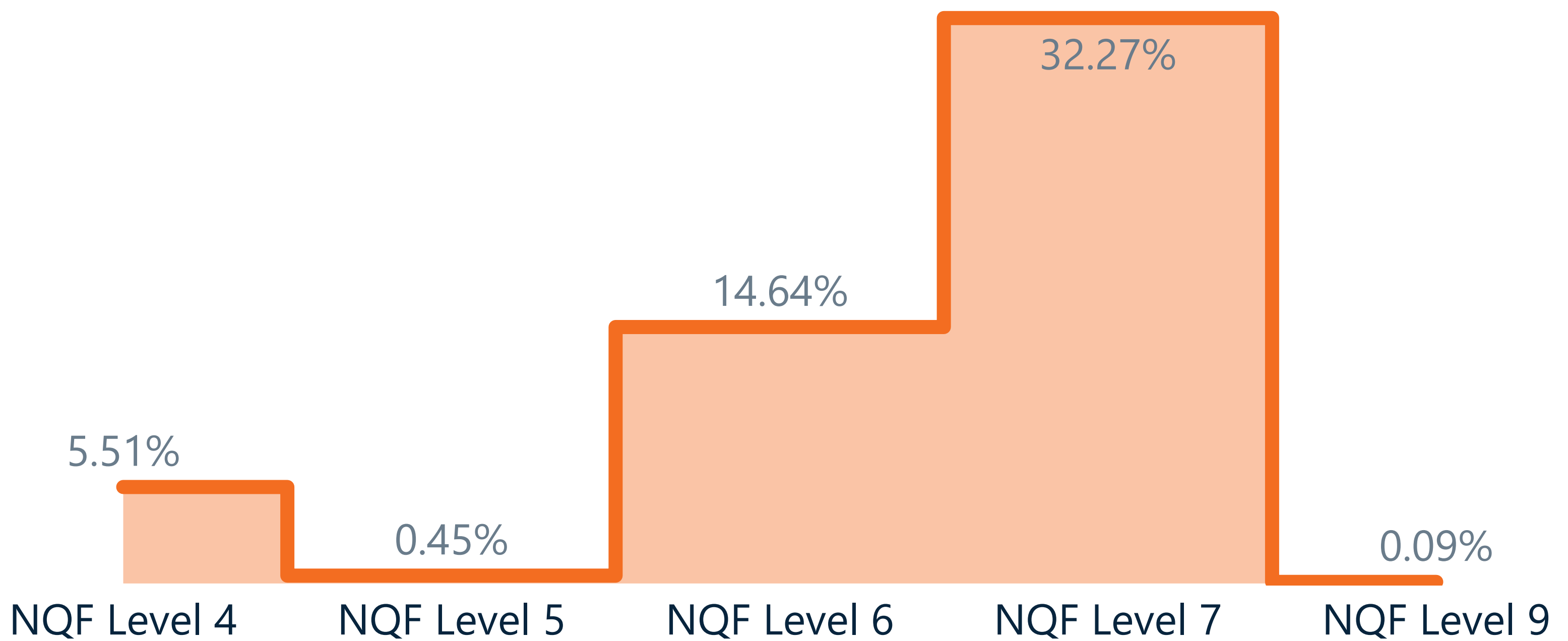


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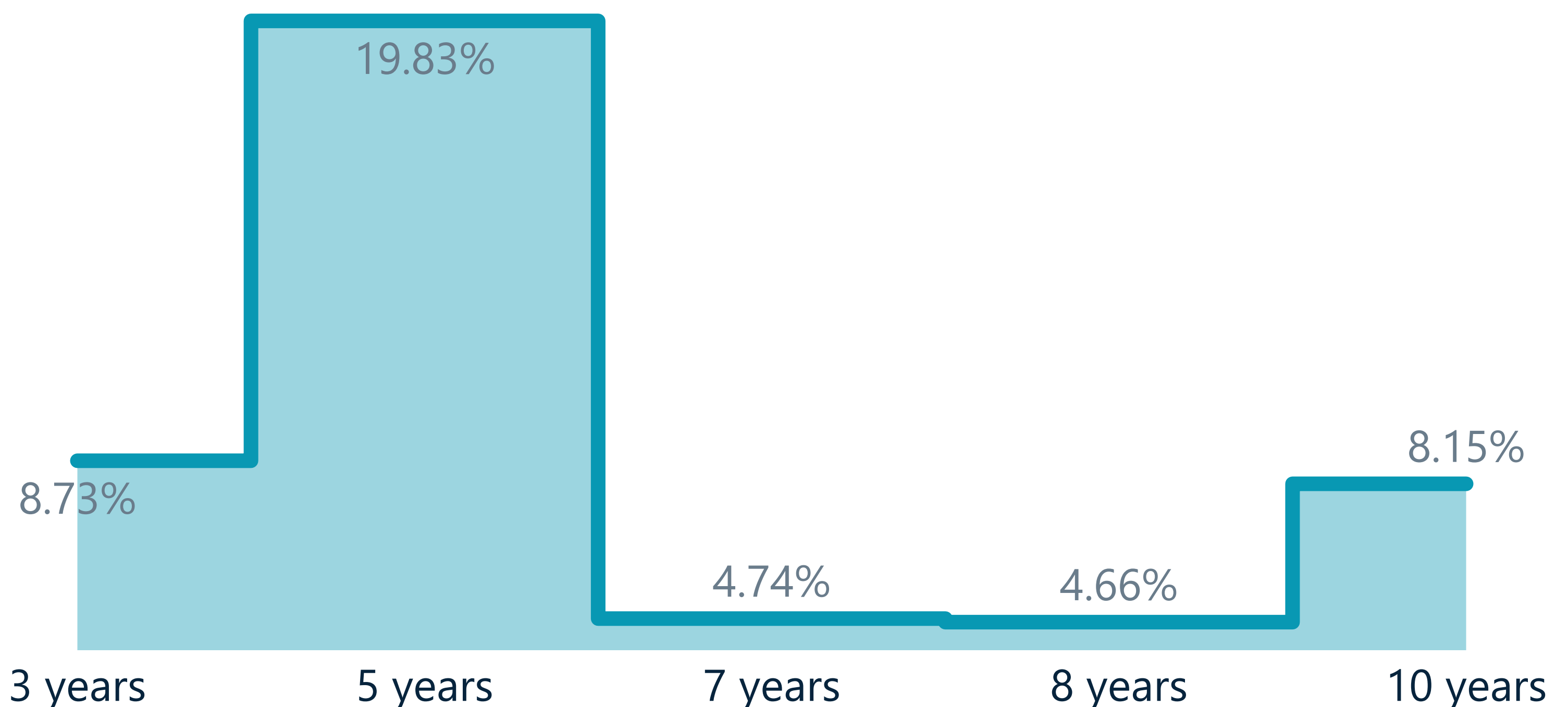
Top 5 Minimum Qualification Level

by percentage of job opportunities



Top 5 Minimum Years Experience

by percentage of job opportunities





Computer Network Architects



Top 10 Required Skills

Technology Design	
Generating or adapting equipment and technology to serve user needs.	1
Systems Analysis	
Determining how a system should work and how changes in conditions, operations, and the environment will affect outcomes.	2
Time Management	
Managing one's own time and the time of others.	3
Service Orientation	
Actively looking for ways to help people.	4
Complex Problem Solving	
Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.	5
Troubleshooting	
Determining causes of operating errors and deciding what to do about it.	6
Writing	
Communicating effectively in writing as appropriate for the needs of the audience.	7
Learning Strategies	
Selecting and using training/instructional methods and procedures appropriate for the situation when learning or teaching new things.	8
Quality Control Analysis	
Conducting tests and inspections of products, services, or processes to evaluate quality or performance.	9
Operations Monitoring	
Watching gauges, dials, or other indicators to make sure a machine is working properly.	10



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Top 5 Required Knowledge

Design	
Design techniques, tools, and principles involved in production of precision technical plans, blueprints, drawings, and models.	1
Engineering and Technology	
The practical application of engineering science and technology. This includes applying principles, techniques, procedures, and equipment to the design and production of various goods and services.	2
Customer and Personal Service	
Principles and processes for providing customer and personal services. This includes customer needs assessment, meeting quality standards for services, and evaluation of customer satisfaction.	3
Administration and Management	
Business and management principles involved in strategic planning, resource allocation, human resources modeling, leadership technique, production methods, and coordination of people and resources.	4
Public Safety and Security	
Relevant equipment, policies, procedures, and strategies to promote effective local, state, or national security operations for the protection of people, data, property, and institutions.	5



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Top 10 Required Technology Skills

Object or component oriented development software	
Python	2
C++	8
Operating system software	
Linux	1
Bash	10
Clustering software	
VMware	3
Application server software	
Kubernetes	5
Docker	7
Internet browser software	
Google	4
Web platform development software	
JavaScript	6
File versioning software	
Git	9