

Labour Market Overview

Digital and Computing

in Birmingham



Associated Occupations

We have associated the following occupations with the chosen course area.

<p>24,701</p> <p>Jobs (2023)</p> <p>5% below National average</p>	<p>+3.3%</p> <p>% Change (2023-2028)</p> <p>Nation: +1.8%</p>	<p>£19.69/hr</p> <p>£36.5K/yr</p> <p>Median Earnings</p> <p>Nation: £20.50/hr; £40.0K/yr</p>
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Occupation	2023 Jobs	Annual Openings	Median Earnings	Growth (2023 - 2028)	Employment Concentration (2023)
Programmers and Software Development Professionals	4,512	172	£19.90/hr	+5.12%	0.85
IT Specialist Managers	3,815	136	£24.38/hr	+4.19%	1.01
Metal Working Production and Maintenance Fitters	2,903	60	£14.38/hr	-3.17%	0.88
Information Technology and Telecommunications Professionals	2,796	102	£21.50/hr	+4.51%	0.90
IT Business Analysts, Architects and Systems Designers	2,548	76	£24.04/hr	+2.16%	1.20
IT User Support Technicians	1,818	63	£15.33/hr	+3.47%	0.93
IT Operations Technicians	1,803	58	£14.70/hr	+2.72%	0.93
Telecommunications Engineers	1,463	56	£17.66/hr	+6.29%	1.53
IT Project and Programme Managers	1,085	37	£26.97/hr	+3.50%	0.73
Web Design and Development Professionals	932	36	£15.95/hr	+5.36%	1.04
IT Engineers	768	26	£15.12/hr	+4.95%	0.94
Electrical and Electronics Technicians	257	7	£21.03/hr	+1.56%	0.66

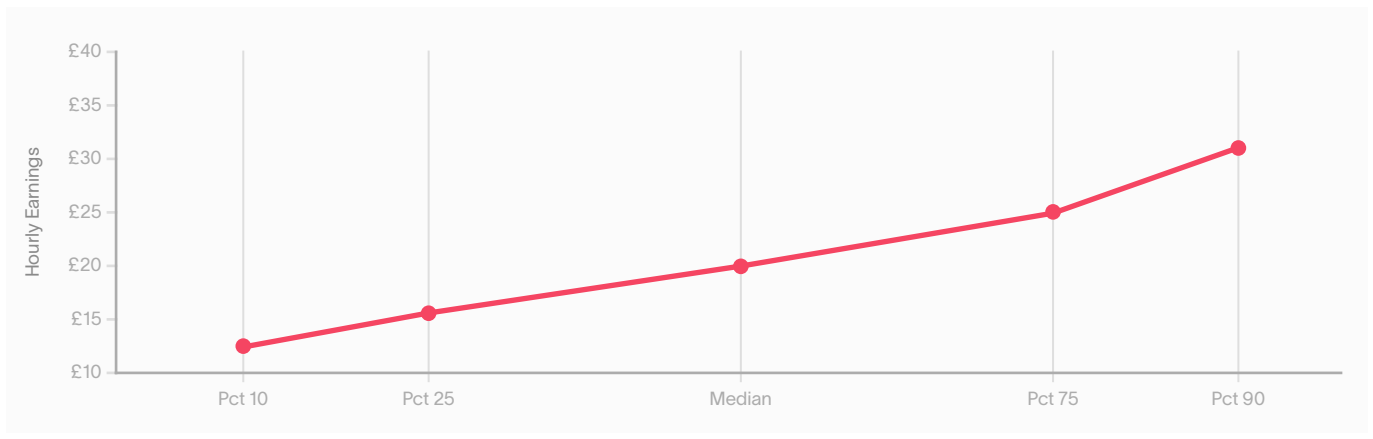
Growth

24,701 2023 Jobs	25,515 2028 Jobs	814 Change (2023-2028)	3.3% % Change (2023-2028)
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Occupation	2023 Jobs	2028 Jobs	Change	% Change
IT Specialist Managers	3,815	3,975	160	4%
IT Project and Programme Managers	1,085	1,123	38	4%
IT Business Analysts, Architects and Systems Designers	2,548	2,603	55	2%
Programmers and Software Development Professionals	4,512	4,743	231	5%
Web Design and Development Professionals	932	982	50	5%
Information Technology and Telecommunications Professionals	2,796	2,922	126	5%
Electrical and Electronics Technicians	257	261	4	2%
IT Operations Technicians	1,803	1,852	49	3%
IT User Support Technicians	1,818	1,881	63	3%
Metal Working Production and Maintenance Fitters	2,903	2,811	-92	-3%
Telecommunications Engineers	1,463	1,555	92	6%
IT Engineers	768	806	38	5%

Percentile Earnings

<p>£15.36/hr</p> <p>25th Percentile Earnings</p>	<p>£19.69/hr</p> <p>Median Earnings</p>	<p>£24.75/hr</p> <p>75th Percentile Earnings</p>
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Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
IT Specialist Managers	£18.73	£24.38	£31.97
IT Project and Programme Managers	£20.42	£26.97	£33.36
IT Business Analysts, Architects and Systems Designers	£18.76	£24.04	£30.15
Programmers and Software Development Professionals	£15.35	£19.90	£24.63
Web Design and Development Professionals	£12.95	£15.95	£18.48
Information Technology and Telecommunications Professionals	£16.33	£21.50	£27.37
Electrical and Electronics Technicians	£17.60	£21.03	£24.21
IT Operations Technicians	£11.68	£14.70	£19.00
IT User Support Technicians	£12.40	£15.33	£18.89
Metal Working Production and Maintenance Fitters	£11.20	£14.38	£18.15
Telecommunications Engineers	£15.27	£17.66	£20.82
IT Engineers	£11.44	£15.12	£19.05

Top Five Industries by Total Jobs that Employ the Target Occupations at 2-Digit SIC

Industry	Occupation Group Jobs in Industry (2021)	% of Occupation Group in Industry (2021)	% of Total Jobs in Industry (2021)
Computer Programming, Consultancy and Related Activities	7,103	29.6%	59.3%
Telecommunications	2,031	8.5%	34.8%
Wholesale Trade, Except of Motor Vehicles and Motorcycles	1,477	6.2%	7.5%
Activities of Head Offices; Management Consultancy Activities	1,291	5.4%	5.9%
Public Administration and Defence; Compulsory Social Security	1,037	4.3%	3.5%

Jobs Postings Summary






There were 47,975 total job postings for your selection from January 2023 to September 2023, of which 21,834 were unique. These numbers give us a Posting Intensity of 2-to-1, meaning that for every 2 postings there is 1 unique job posting.

This is close to the Posting Intensity for all other occupations and companies in the region (2-to-1), indicating that they are putting average effort toward hiring for this position.

Top Posted Job Titles

Job Title	Total/Unique (Jan 2023 - Sep 2023)	Posting Intensity	Median Posting Duration
Data Engineers	791 / 379	2 : 1 	34 days
Software Engineers	854 / 364	2 : 1 	36 days
Data Analysts	510 / 282	2 : 1 	33 days
Software Developers	620 / 270	2 : 1 	35 days
Java Developers	592 / 245	2 : 1 	34 days
DevOps Engineers	590 / 239	2 : 1 	32 days
Solutions Architects	642 / 225	3 : 1 	36 days
.NET Developers	832 / 220	4 : 1 	30 days
Full Stack Developers	440 / 194	2 : 1 	33 days
PHP Developers	326 / 168	2 : 1 	34 days

Top Cities Posting

City	Total/Unique (Jan 2023 - Sep 2023)	Posting Intensity	Median Posting Duration
Birmingham	47,336 / 21,431	2 : 1 	34 days
Sutton Coldfield, Birmingham	598 / 377	2 : 1 	37 days
Erdington, Birmingham	35 / 21	2 : 1 	32 days
Stechford, Birmingham	6 / 5	1 : 1 	9 days

Top Specialised Skills

	Postings with Skill
Agile Methodology	2,161
Amazon Web Services	1,406
Automation	1,244
C# (Programming Language)	1,353
JavaScript (Programming Language)	1,652
Microsoft Azure	2,445
Project Management	1,728
Python (Programming Language)	1,288
Software Engineering	1,226
SQL (Programming Language)	2,414

Top Common Skills

	Postings with Skill
Communications	6,282
Customer Service	1,920
Detail Oriented	1,322
Innovation	1,183
Leadership	1,445
Management	3,252
Operations	1,351
Planning	1,398
Problem Solving	2,154
Troubleshooting (Problem Solving)	1,625



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Headquartered in Boston, Massachusetts, and Moscow, Idaho, Lightcast is active in more than 30 countries and has offices in the United Kingdom, Italy, New Zealand, and India.

Lightcast is working with Further Education providers across the globe, using data to understand the needs of the labour market, align their curriculum with market demand, and help students navigate their career paths.

To find out more about how your organisation can access our data through our software platforms, APIs, or applied research, get in touch.

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