

Accenture: DEVELOPER AND TECHNOLOGY

Task 1: Discover Career Opportunities in Technology

1. What are some scary myths about careers in Technology?

Myth: Constant job loss due to automation- fears that AI will lead to job less in the tech industry

Reality: Although certain tasks may become automated, tech, including AI, cybersecurity and data science job opportunities are increasing.

Myth: Tech careers are monotonous- The belief that tasks are repeated and mundane

Reality: Tech industry is dynamic and evolving, offering a variety of challenges and scope for growth.

2. What are the different roles in Technology, both primarily technical and primarily non-technical?

Primarily Technical Roles:

Role	Responsibilities
Software Developer/Engineer	Design, code, test, and maintain software applications and systems.
Systems Administrator	Manage and maintain an organization's computer systems, networks, and servers.
Network Engineer	Design, implement, and manage an organization's computer networks.
Database Administrator	Administer and maintain databases, ensuring data integrity, security, and performance.
Cybersecurity Analyst	Protect computer systems and networks from security breaches and cyber threats.
Data Scientist	Analyze and interpret complex data sets to inform business decision-making.
Machine Learning Engineer	Develop algorithms and models for machine learning applications.
Hardware Engineer	Design and develop computer hardware components and systems.
Cloud Architect	Design and oversee the implementation of cloud infrastructure and services.
DevOps Engineer	Streamline the development and deployment processes to enhance collaboration between development and operations teams.

Primarily Non-Technical Roles:

Role	Responsibilities
Product Manager	Define the vision and strategy for a product, working with development teams to bring it to market.
Project Manager	Plan, execute, and oversee projects, ensuring they are completed on time and within budget.
Business Analyst	Analyze business processes, gather requirements, and recommend technology solutions to meet business needs.
UX/UI Designer	Design user interfaces and experiences for software applications, ensuring a positive user journey.
Technical Writer	Create documentation for software, hardware, or systems to aid users, developers, and other stakeholders.
Sales Engineer	Assist the sales team by providing technical expertise and support during the sales process.
Marketing Manager (Tech)	Develop and execute marketing strategies for technology products and services.
HR (Tech Recruiter)	Recruit and hire technical talent, manage employee relations, and support professional development.
Legal and Compliance (Tech)	Ensure that technology initiatives comply with legal and regulatory requirements.
Customer Support Specialist	Provide technical support and assistance to end-users or customers.

3. What are the benefits of a career in Technology?

High demand for skills: Constantly evolving industry, leading to a high demand for skills professionals. Job opportunities are abundant.

Continuous learning and growth: Dynamic field requiring continuous learning, providing opportunities for professionals to acquire new skills, stay with current industry trends and pursue personal and career growth.

Global opportunities: Allows collaboration on an international level, leading to exciting opportunities for travel and cultural exchanges.

Remote working

4. How can Technology careers be more inclusive of underrepresented people?

Diversity and Inclusion initiatives: Implement programmes that support D&I within organisations.

Diverse hiring practices: Seek out candidates from a diverse range of backgrounds and use inclusive language in job descriptions.

Representation in leadership positions: Ensure underrepresented individuals have an equal chance in leadership positions.