Visualisation Programmer

Ajay is a visualisation programmer who developed a software program that makes complex data easy to understand. It turns huge amounts of complicated information into a clear story. Ajay also hosts a local radio show for his community where he delves into science-related topics. Find out more:
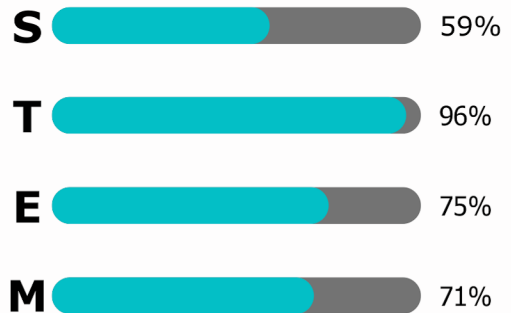
futureyouaustralia.com.au/pathfinders/ajay

"I have always been a visual person, attracted towards visual arts"

STEM Meter

How much Science, Technology, Engineering and Mathematics (STEM) does this job use?

S	▬▬▬▬▬	59%
T	▬▬▬▬▬	96%
E	▬▬▬▬▬	75%
M	▬▬▬▬▬	71%

Source: jobsandskills.gov.au

5 reasons why you should do this job

1 Bring imagination to life

2 Help scientists solve mysteries

3 Make learning fun

4 Tell stories in a new way

5 Help people see the big picture

3 STEM skills required for this job	Subjects to develop these skills
Programming	Digital Technology, Mathematics
Complex Problem Solving	Design and Technologies, Digital Technology
Mathematics	Mathematics

A example of a day in the life of a visualisation programmer

6.30am It's an early start for me today. I like to embrace the morning with a nutritious breakfast to fuel my creativity. I normally opt for a quick and energizing meal, so today I have a smoothie packed with fruits and greens.

7.00am I slide into my workday attire – today I choose some tailored pants and a collared shirt, something comfortable yet professional.

8.00am I jump in the car. It's a short drive to work for me and I use this time to mentally prepare for the day ahead by listening to my favourite podcast.

8.30am We started each day with a Team Sync-Up. This is a virtual team meeting where we discuss ongoing projects, share updates, and align our priorities. Collaboration is key, and this is a valuable chance to connect with my colleagues and set the tone for the day.

9.00am Now, it's time to code. I get to work on data visualisations, tweaking designs, and ensuring a seamless user experience. My focus today is keeping the code active and precise – every line of code should contribute to the bigger picture.

12.30pm I take a well-deserved break to recharge and head out with some of my colleagues to try a new local eatery. I make the most of my lunch break and always step away from the screen. This is an important opportunity for me to refresh my mind, and prepare for the afternoon tasks.

1.30pm I've got an important appointment this afternoon with a client. I'm going to provide progress updates on an ongoing project, address any concerns, and gather feedback. I make sure I have an agenda. This helps keep the conversation clear and client-focused, ensuring they understand the value I'm bringing to their visualisation needs.

2.30pm Time for some fun! I'm engaging in a collaborative session with UI/UX designers and fellow programmers. We're going to share ideas, troubleshoot challenges, and brainstorm innovative solutions. I grab a banana because I need to keep my energy high during these discussions.

4.00pm I allocate a block of time for uninterrupted work every day. This is my chance to delve into complex coding tasks or refine intricate design details.

6.00pm I wind down for the day by reviewing my progress and ensuring everything is on track. I'll make a to-do list for tomorrow so I can hit the ground running in the morning.

7.00pm I get home and engage in activities that relax my mind. I make sure I prioritise creating a healthy balance between work and personal life. It makes me happier and better at what I do. Tonight I'm planning on doing some cooking - I love everything visual and that also applies to food.

10.00pm YUM! That was delicious. The clean-up was a bit overwhelming but you can't make magic without making a mess. Once the kitchen is clean I head to bed and spend some time scrolling social media before going to sleep. I follow lots of art pages, so it's a guilty pleasure of mine.

FUTURE**you**