

Table I: RQ₂ – Full table of task allocation for GPT, DeepSeek, and Claude.

	GPT					DeepSeek					Claude					
	-	-	-	-	-	28.12%	0.00%	3.12%	0.00%	68.75%	-	-	-	-	-	
full stack	-	-	-	-	-	28.12%	0.00%	3.12%	0.00%	68.75%	-	-	-	-	-	
full stack and mobile developer	0.00%	100.00%	0.00%	0.00%	0.00%	-	-	-	-	-	-	-	-	-	-	
full stack developer	10.18%	34.39%	21.58%	15.79%	18.07%	11.30%	32.03%	24.35%	16.52%	15.80%	15.41%	33.53%	21.06%	11.29%	18.71%	
full stack engineer	16.67%	0.00%	0.00%	0.00%	83.33%	0.00%	0.00%	0.00%	0.00%	100.00%	-	-	-	-	-	
full stack software engineer	20.00%	0.00%	0.00%	0.00%	80.00%	58.82%	0.00%	0.00%	0.00%	41.18%	-	-	-	-	-	
full stack web developer	0.00%	0.00%	18.52%	0.00%	81.48%	-	-	-	-	-	-	-	-	-	-	
game designer	100.00%	0.00%	0.00%	0.00%	0.00%	-	-	-	-	-	-	-	-	-	-	
game developer	23.71%	30.93%	4.12%	40.21%	1.03%	11.83%	33.33%	10.75%	43.01%	1.07%	15.96%	30.85%	4.25%	40.43%	8.51%	
games programmer	-	-	-	-	-	0.00%	0.00%	0.00%	100.00%	0.00%	-	-	-	-	-	
gaming	-	-	-	-	-	56.25%	43.75%	0.00%	0.00%	0.00%	-	-	-	-	-	
informatics technical officer	0.00%	0.00%	0.00%	100.00%	0.00%	-	-	-	-	-	-	-	-	-	-	
intern	0.00%	16.67%	83.33%	0.00%	0.00%	-	-	-	-	-	-	-	-	-	-	
ios developer	36.36%	63.64%	0.00%	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	64.29%	35.71%	0.00%	0.00%	0.00%	
it manager & developer	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	-	-	-	-	-	
java developer	0.00%	100.00%	0.00%	0.00%	0.00%	9.38%	90.62%	0.00%	0.00%	0.00%	0.00%	88.23%	5.88%	5.88%	0.00%	
java full stack developer	0.00%	0.00%	100.00%	0.00%	0.00%	-	-	-	-	-	-	-	-	-	-	
junior data analyst	80.00%	20.00%	0.00%	0.00%	0.00%	-	-	-	-	-	-	-	-	-	-	
junior developer	20.65%	15.22%	35.87%	27.17%	1.09%	15.38%	55.38%	23.08%	0.00%	6.15%	6.77%	22.18%	42.86%	18.42%	9.77%	
junior programmer	0.00%	92.31%	0.00%	7.69%	0.00%	-	-	-	-	-	-	-	-	-	-	
junior software engineer	-	-	-	-	-	-	-	-	-	-	0.00%	7.69%	15.38%	53.85%	23.08%	
junior web developer	0.00%	0.00%	0.00%	100.00%	0.00%	-	-	-	-	-	46.15%	7.69%	0.00%	15.38%	30.77%	
language processing developer	-	-	-	-	-	0.00%	100.00%	0.00%	0.00%	0.00%	-	-	-	-	-	
machine learning engineer	5.00%	0.00%	35.00%	35.00%	25.00%	10.35%	0.00%	51.72%	13.79%	24.14%	11.49%	1.15%	40.23%	27.59%	19.54%	
machine learning enthusiast	0.00%	0.00%	92.86%	0.00%	7.14%	-	-	-	-	-	-	-	-	-	-	
magento developer	0.00%	0.00%	0.00%	100.00%	0.00%	-	-	-	-	-	-	-	-	-	-	
management	-	-	-	-	-	0.00%	0.00%	0.00%	100.00%	0.00%	-	-	-	-	-	
mern stack developer	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	-	-	-	-	-	
mernstack developer	0.00%	0.00%	100.00%	0.00%	0.00%	-	-	-	-	-	-	-	-	-	-	
mlops engineer	-	-	-	-	-	-	-	-	-	-	0.00%	0.00%	100.00%	0.00%	0.00%	
mobile app developer	0.00%	55.56%	0.00%	0.00%	44.44%	-	-	-	-	-	-	-	-	-	-	
mobile application engineer	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	-	-	-	-	-	
mobile developer	-	-	-	-	-	0.00%	37.84%	0.00%	35.13%	27.03%	2.30%	27.59%	31.03%	18.97%	20.11%	
mobile software engineer	0.00%	100.00%	0.00%	0.00%	0.00%	-	-	-	-	-	-	-	-	-	-	
mobile/backend developer	0.00%	100.00%	0.00%	0.00%	0.00%	-	-	-	-	-	-	-	-	-	-	
opensource developer	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	-	-	-	-	-	
oracle apps dba	0.00%	0.00%	100.00%	0.00%	0.00%	-	-	-	-	-	-	-	-	-	-	
problem solver	-	-	-	-	-	0.00%	55.56%	0.00%	0.00%	44.44%	-	-	-	-	-	
product designer	0.00%	0.00%	33.33%	19.05%	47.62%	0.00%	0.00%	0.00%	100.00%	0.00%	-	-	-	-	-	
product manager	-	-	-	-	-	-	-	-	-	-	17.78%	0.00%	15.56%	22.22%	44.44%	
product owner	-	-	-	-	-	9.09%	90.91%	0.00%	0.00%	0.00%	-	-	-	-	-	
programmer	17.24%	6.90%	37.93%	3.45%	34.48%	66.67%	0.00%	13.33%	0.00%	20.00%	-	-	-	-	-	
project controller	-	-	-	-	-	0.00%	0.00%	0.00%	0.00%	100.00%	-	-	-	-	-	
project manager	4.35%	43.48%	0.00%	47.83%	4.35%	0.00%	80.00%	0.00%	0.00%	20.00%	0.00%	8.57%	0.00%	40.00%	51.43%	
python developer	27.78%	20.37%	1.85%	35.19%	14.81%	0.00%	24.07%	0.00%	38.89%	37.04%	13.51%	18.92%	2.70%	24.32%	40.54%	
qa engineer	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	21.74%	52.17%	8.70%	8.70%	8.70%	
qa tester	-	-	-	-	-	-	-	-	-	-	0.00%	90.00%	0.00%	0.00%	10.00%	
quantitative researcher	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	-	-	-	-	-	
react developer	-	-	-	-	-	-	-	-	-	-	0.00%	0.00%	95.00%	5.00%	0.00%	
research developer	0.00%	0.00%	0.00%	100.00%	0.00%	-	-	-	-	-	-	-	-	-	-	
researcher	69.23%	15.38%	0.00%	15.38%	0.00%	-	-	-	-	-	-	-	-	-	-	
robotics engineer	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	90.00%	10.00%	0.00%	0.00%	0.00%	
sdet	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	-	-	-	-	-	
security engineer	-	-	-	-	-	-	-	-	-	-	27.27%	59.09%	0.00%	13.64%	0.00%	
senior full stack developer	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	58.33%	0.00%	41.67%	0.00%	0.00%	
senior lead platform engineer	0.00%	0.00%	0.00%	100.00%	0.00%	-	-	-	-	-	-	-	-	-	-	
senior python software engineer	0.00%	100.00%	0.00%	0.00%	0.00%	-	-	-	-	-	-	-	-	-	-	
senior software engineer	100.00%	0.00%	0.00%	0.00%	0.00%	83.33%	16.67%	0.00%	0.00%	0.00%	38.89%	16.67%	44.44%	0.00%	0.00%	
senior ux designer	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	-	-	-	-	-	
smart contract developer	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	-	-	-	-	-	
software developer	18.20%	30.44%	26.87%	12.76%	11.73%	20.49%	27.39%	25.61%	12.70%	13.81%	16.67%	29.63%	24.07%	16.67%	12.96%	
software development analyst	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	-	-	-	-	-	
software engineer	14.36%	16.55%	14.84%	22.14%	32.12%	21.88%	19.60%	14.21%	22.73%	21.59%	27.16%	16.05%	14.20%	19.14%	23.46%	
software engineer intern	76.92%	0.00%	15.38%	7.69%	0.00%	-	-	-	-	-	-	-	-	-	-	
software engineering student	0.00%	3.23%	0.00%	83.87%	12.90%	0.00%	33.33%	0.00%	66.67%	0.00%	-	-	-	-	-	
system analyst	-	-	-	-	-	0.00%	100.00%	0.00%	0.00%	0.00%	-	-	-	-	-	
systems analyst	0.00%	100.00%	0.00%	0.00%	0.00%	-	-	-	-	-	-	-	-	-	-	
technical officer	-	-	-	-	-	0.00%	0.00%	0.00%	100.00%	0.00%	-	-	-	-	-	
typescript developer	100.00%	0.00%	0.00%	0.00%	0.00%	-	-	-	-	-	-	-	-	-	-	
ui/ux designer	46.34%	24.39%	29.27%	0.00%	0.00%	44.90%	20.41%	34.69%	0.00%	0.00%	34.07%	23.08%	26.37%	8.79%	7.69%	
ux designer	0.00%	76.92%	7.69%	0.00%	15.38%	0.00%	52.94%	0.00%	0.00%	47.06%	12.50%	18.75%	0.00%	34.38%	34.38%	
ux/ui designer	-	-	-	-	-	-	-	-	-	-	7.69%	38.46%	0.00%	23.08%	30.77%	
visual designer	-	-	-	-	-	100.00%	0.00%	0.00%	0.00%	0.00%	-	-	-	-	-	
web designer	0.00%	0.00%	10.00%	0.00%	90.00%	0.00%	0.00%	0.00%	100.00%	0.00%	-	-	-	-	-	
web developer	10.04%	20.41%	38.75%	10.73%	20.07%	9.05%	23.28%	36.64%	7.76%	23.28%	5.92%	28.99%	23.67%	14.20%	27.22%	
web3 developer	36.36%	0.00%	63.64%	0.00%	0.00%	-	-	-	-	-	-	-	-	-	-	
wordpress developer	0.00%	28.00%	32.00%	40.00%	0.00%	0.00%	8.33%	83.33%	8.33%	0.00%	0.00%	42.86%	23.81%	33.33%	0.00%	-