The diploma thesis is focused on the relationship between big five personality traits and job crafting tendencies. The aim of the theoretical part is to introduce and explain the concept of job crafting theory and present the current knowledge from the research on big five personality traits and their relationship to job crafting tendencies. The aim of the empirical part is to examine the relationship between the personality traits of openness to experience, conscientiousness, extraversion, agreeableness, neuroticism, and job crafting tendencies. The theoretical part defines various theoretical perspectives on job crafting and its connection to theories of occupational health. Moreover, the individual big five personality traits and their impact on work behavior and job crafting are described. Empirical data were collected through a questionnaire survey. The results of the empirical part of the diploma thesis indicate a significant relationship between the personality traits of openness to experience, conscientiousness, and extraversion and job crafting tendencies. There was a negative correlation between neuroticism and job crafting tendencies.