The subject of the present thesis is the architectural aspect of healthcare facilities with a focus on the work of the architects František Čermák and Gustav Paul. The initial part outlines the general classification and development of the building system of these facilities – ranging from the “pavilion” type to the extensive hospital blocks – illustrated by examples. The next part describes types of hospitals and their designs, especially after 1948. It includes a brief overview of both Czech and foreign projects that are of significance. The subsequent part introduces the life and oeuvre of the architects František Čermák and Gustav Paul, detailing several particular projects and realizations. Among those chosen for further elaboration are the projects of the Municipal Infectious Diseases Hospital in Bratislava, Clinical and Foundation Hospital in Zagreb, Tuberculosis Sanatorium in Vyšné Hágy and the Hospital in Prague–Motol; and further their realizations including the Sanatorium in Vráž u Písku, Provisional Hospital in Prague–Motol, completion of the main pavilion of the Hospital in Litomyšl and finally the Hospital in Chrudim.