

## 1 INTRODUCTION

The contemporary surge in the capabilities of generative AI models, exemplified by GPT, has catalyzed significant advancements. This paper outlines the development of an AI-powered chatbot tailored for Fog/Edge emulation, propelled by the synergy of cutting-edge AI models and the critical role played by the Fogify tool. Central to this initiative is the design of a user-friendly API enabling clients to articulate Fog Computing infrastructure requirements. Leveraging prompt engineering and contextual learning, our system refines user queries, subsequently interfacing with a Large Language Model (LLM) like the ChatGPT API. The incorporation of Fogify as the primary emulation tool, guided by its documentation, ensures optimal outcomes during prompt engineering. This paper highlights the integration of AI technologies for streamlining Fog/Edge emulation processes.