

MOTIVATION



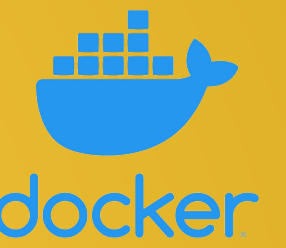
Automated network scanning tools are pivotal in pinpointing cybersecurity risks for companies; however, they present a challenge with their text-heavy reports. The extensive length and density of these reports may hinder quick decision-making. Furthermore, there is a necessity for enhanced personalization to augment the relevance and usability of these reports.

SOLUTION



To overcome these challenges, we utilized ChatGPT for extracting key insights from reports and incorporating Nextcloud for streamlined development and deployment. To enhance personalization, we included relevant images tied to the insights and introduced the ability to generate company-specific images, providing a more concise and visually impactful cybersecurity reporting solution.

REQUIREMENTS



- Create & set up a NextCloud app that uses the GPT API.
- Upload & parse important sections of reports to stay within GPT's word count limit.
- Extract insights from consolidated management plan.
- Generate images according to report insights.
- Generate customized images using a company's logo.

SYSTEM DESIGN & IMPLEMENTATION

