Prompt to Recreate Take Home Pay App

Create a fully interactive Streamlit web application titled "Take Home Pay App" that calculates net salary based on several financial factors and visualizes city-based data on a map and a chart. Key features:  
  
1. Sidebar Controls:  
 - Salary input slider (min: $1, max: $500,000)  
 - Gas price input slider (max: $30)  
 - Miles per gallon input  
 - Federal Tax Rate (%)  
 - State Tax Rate (%)  
 - Car Payment ($)  
 - Car Insurance ($)  
 - Healthcare ($)  
 - Checkbox inputs for each weekday (Mon–Fri) representing commuting days  
  
2. Data Handling:  
 - Load a CSV file `us\_cities\_cleaned\_reduced\_formatted.csv` with columns including City, State, Latitude, Longitude, and Distance.  
 - Calculate commute miles and gas costs dynamically based on selected commute days (e.g., 3 days = 3/5 of normal weekly mileage).  
 - Distance filter: adjustable from 3 to 300 miles from the home address (e.g., Washington, DC).  
 - Net pay calculation includes deductions: federal tax, state tax, FICA, car, gas, healthcare.  
  
3. Outputs:  
 - A table showing: City, Distance, Commute Miles, Gas Cost, Taxes, Net Pay, etc.  
 - A Folium map with markers for each city.  
 - A bar chart showing Net Pay by city.  
  
4. Additional Features:  
 - Ability to add a custom city via text input with real-time geocoding using geopy.  
 - Remove cities by selecting from a multiselect box.  
 - About button that shows: "Take Home Pay App, June 2025 – By Micah Forstein"  
  
Ensure error handling for geocoding and NaN coordinates. The application should update chart, table, and map reactively based on all user input.