

Job Application Form using all controls of tkinter in Python

Program :-

```
import tkinter as tk
from tkinter import messagebox

def submit_form():
    name = name_entry.get()
    email = email_entry.get()
    phone = phone_entry.get()
    address = address_text.get("1.0", "end-1c")

    # Validation (you can add more validation as needed)
    if not name or not email or not phone or not address:
        messagebox.showerror("Error", "Please fill in all fields.")
        return

    # Process the form data (you can save to a file or send it
    # somewhere)
    # For now, just display it
    messagebox.showinfo("Form Submitted", f"Name: {name}\nEmail:
{email}\nPhone: {phone}\nAddress: {address}")

# Create the main window
root = tk.Tk()
root.title("Job Application Form")

# Name field
tk.Label(root, text="Name:").grid(row=0, column=0, sticky="w")
name_entry = tk.Entry(root)
name_entry.grid(row=0, column=1, padx=5, pady=5)

# Email field
tk.Label(root, text="Email:").grid(row=1, column=0, sticky="w")
email_entry = tk.Entry(root)
email_entry.grid(row=1, column=1, padx=5, pady=5)

# Phone field
tk.Label(root, text="Phone:").grid(row=2, column=0, sticky="w")
phone_entry = tk.Entry(root)
phone_entry.grid(row=2, column=1, padx=5, pady=5)

# Address field
tk.Label(root, text="Address:").grid(row=3, column=0, sticky="w")
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address_text = tk.Text(root, height=4, width=30)
address_text.grid(row=3, column=1, padx=5, pady=5)

# Submit button
submit_button = tk.Button(root, text="Submit", command=submit_form)
submit_button.grid(row=4, column=0, columnspan=2, pady=10)

# Run the application
root.mainloop()

```

Output :-

The screenshots illustrate the flow of a job application form. The first two images show the initial state and a partially filled form. The third image shows an error dialog indicating that all fields must be filled. The fourth image shows the form again with all fields filled. The fifth image shows a confirmation dialog with the submitted data.

