

Job Mail Generator Chrome Extension

A Chrome extension that helps you generate professional job application emails using OpenAI's GPT model. Save your profile details once and let AI create personalized emails for different job opportunities.

Features

- **Profile Management**: Save your personal details, experience, skills, and contact information
- **AI-Powered Email Generation**: Uses OpenAI GPT to create personalized job application emails
- **Easy to Use**: Simple interface to input recruiter email and job description
- **Professional Output**: Generates well-formatted, professional emails with proper subject lines
- **Secure**: Your OpenAI API key is stored securely in Chrome's sync storage

Installation

1. **Download the Extension Files**

- Download all the files in this folder to your computer
- Make sure you have: `manifest.json`, `popup.html`, `popup.js`, `options.html`, `options.js`, `background.js`, `styles.css`, and `icon.png`

2. **Load Extension in Chrome**

- Open Chrome and go to `chrome://extensions/`
- Enable "Developer mode" (toggle in the top right)

3. **Click "Load unpacked"**

- Select the folder containing your extension files

3. **Get OpenAI API Key**

- Go to [OpenAI Platform](<https://platform.openai.com/api-keys>)
- Create an account or sign in
- Generate a new API key
- Copy the key (starts with `sk-`)

Setup

1. **Configure Your Profile**

- Click on the extension icon in your Chrome toolbar
- Click "Settings" button
- Fill in your personal information:
 - **Required**: Full Name, Email Address, OpenAI API Key
 - **Optional**: Phone, LinkedIn, Portfolio, Education, Experience, Skills
- Click "Save Settings"

2. **Start Using**

- Click the extension icon
- Enter the recruiter's email address
- Paste the job description
- Optionally add the job title
- Click "Generate Email"
- The extension will create a professional email and open your default email client

How It Works

1. **Profile Storage**: Your details are saved securely in Chrome's sync storage
2. **AI Processing**: When you generate an email, the extension sends your profile and job details to OpenAI's API
3. **Email Generation**: The AI creates a personalized, professional email based on the job requirements and your background
4. **Email Client Integration**: The generated email opens in your default email client (Gmail, Outlook, etc.) ready to send

File Structure

- `manifest.json` - Extension configuration and permissions
- `popup.html` - Main extension popup interface
- `popup.js` - Popup functionality and user interaction
- `options.html` - Settings page for profile and API configuration
- `options.js` - Settings page functionality
- `background.js` - Background service worker for API calls
- `styles.css` - Styling for all extension pages
- `icon.png` - Extension icon

Privacy & Security

- Your OpenAI API key is stored locally in Chrome's sync storage
- No data is sent to any server except OpenAI's API
- Your profile information is only used to generate emails
- The extension doesn't collect or store any personal data

Troubleshooting

****"Invalid API Key" Error****

- Make sure your OpenAI API key is correct and starts with `sk-`
- Check that you have sufficient credits in your OpenAI account

****"API Rate Limit Exceeded" Error****

- Wait a few minutes and try again
- Consider upgrading your OpenAI plan if you're making many requests

****Extension Not Working****

- Make sure all files are in the same folder
- Check that the extension is enabled in Chrome
- Try reloading the extension in `chrome://extensions/`

Tips for Better Results

1. ****Complete Your Profile****: The more information you provide, the better the AI can personalize your emails
2. ****Detailed Job Descriptions****: Include the full job description for better email customization
3. ****Review Generated Emails****: Always review and edit the generated email before sending
4. ****Keep API Key Secure****: Don't share your OpenAI API key with others

Support

If you encounter any issues or have suggestions for improvements, please check the troubleshooting section above or create an issue in the project repository.

License

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