

Evaboot - LinkedIn Data Extraction & Management

Project Overview

Evaboot is a Backend system that utilizes **Web Scraping** to automatically collect client data from LinkedIn, store it in a database, and export it to an Excel file.

How Does the Project Work?

1- Extracting Client Data from LinkedIn

- Input the LinkedIn profile URL of a client.
- Automatically open the page and extract key details (name, company, email, and profile link).

2- Storing Data in the Database

- Data is saved in an **SQL database** for easy organization and retrieval.
- Supports CRUD operations (Create - Read - Update - Delete) on stored data.

3- Making Data Available via API

- A **RESTful API** is designed to retrieve and manage client data online.
- Users can send requests to fetch or add new data easily.

4- Exporting Data to an Excel File

- Automatically generates an **Excel file** containing all stored client data.
 - Enables users to analyze or use the data for marketing purposes.
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Key Project Deliverables

- **Structured database** containing client information.
- **API interface** allowing easy data management and retrieval.
- **Excel file export** for convenient access and analysis.
- **Automated Scraping system** to collect data without manual entry.

Benefits of the Project

- **Saves time and effort** by automating LinkedIn data collection.
- **Data accuracy** as information is fetched directly from LinkedIn.
- **Data analysis potential** after exporting it to Excel.
- **Seamless integration** with other systems via API.