# Akiva Buckman

FULL-STACK DEVELOPER AND MEP ENGINEER

Full stack developer experienced in Python, with a background in MEP engineering. Obsessed with learning new technologies and solving problems with them. Seeking an opportunity to apply these skills as a full-stack developer.

## Contact

**O54-432-9836** 

M akivabuckman@gmail.com

in LinkedIn

GitHub Portfolio

## Work Experience

#### PYTHON DEVELOPER. MEP ENGINEER

2019-2023

#### IBI Group - Arcadis (Tel Aviv Light Rail)

- Designed AMEP systems in the underground stations - extensive 3D spatial and AutoCAD
- Programmed tools that automated and optimized many company processes using Python, Excel, and VBA. Saved at least 2,000 workhours per year and reduced chance for human error by up to 100%. Projects below.
- Team Lead for 300 clash-related Architecture-MEP-Structural RFI's from site. Produced solutions for optimal system placement and obstacle avoidance, using AutoCAD and a self-programmed tool, while coordinating between all relevant disciplines. Responsible for signoff of all of these RFI's.

## **X** Tech Skills

- Python: Django, Django REST, Postman, API, OOP, Flask, Pandas, Selenium, Tkinter, Xlwings, etc.
- JavaScript: React, Node.js, Express, HTML, CSS, etc.
- SQL: PostGreSQL
- Excel (Expert): VBA
- A AutoCAD

# Aliyah / Army

Aliyah from U.S.A.

2011

• IDF - Infantry

2011-2012

## Technical Projects

- Hotel Website (Django, Python, HTML, CSS, OOP, PostGreSQL)
  - Fully functional Django-built website
  - Guest / Visitor authentication
  - Book and edit reservations at the hotel
  - · Availability and room assignment populated and automated through Python and SQL
  - CSS on every page for user-friendly layout

### Recipe Manager - (Python, PostgreSQL, API)

- OOP, GUI tool that allows users to search for recipes and add them to their favorites
- GUI with Tkinter
- Search recipes using a recipe API
- Allow users to add custom recipes
- Favorites and user info stored in SQL database using OOP and Inheritance
- Option to email favorite recipes using SMTPLib and MIME

#### Document Sorter (Python, OOP, Postman, API)

- OOP, API-based tool that downloaded and sorted 50,000 documents into their relevant directories, used in IBI-Arcadis position
- Retrieved documents using a third-party database's API
- Downloaded the documents into complex directory tree, based on the documents' metadata, using OOP

## **Education**

**FULL STACK WEB** DEVELOPMENT,

04/2023-08/2023

**PYTHON AND JAVASCRIPT** 

**PROGRAM** 

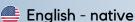
Developers Institute, TLV Coding Bootcamp

CIVIL ENGINEERING, BSc

2015-2019

**Ariel University** 

## Stanguages



Hebrew - fluent