

ELVIS TONY

</> Python Developer | 🎓 Lecturer | 🏠 First Aider

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A seasoned **Python programmer** with hands on experience with Microsoft Power Platform, Selenium Web Automation, Web scraping and also a certified "Automation Anywhere Advanced RPA Professional". Enjoys programming and often works on open-source solutions over proprietary software. A **mini-solution architect** with adequate knowledge on various platforms such as SQL Server, SharePoint, Power Apps, Power Automate. Keen on learning new technologies and often releases **hobby projects** on Github. Currently looking for opportunities to stretch my brain muscles and solve challenging and fun problems efficiently.

WORK EXPERIENCES

College Lecturer (Digital Skills)

Abingdon & Witney College | 2023 - Present

Lecturer in Digital Skills and IT, and deliver courses in the college and offsite on the topics relating to Digital Skills and Advanced Microsoft Office.

Studio Lead & Code Sensei (Part-time)

Code Ninjas | 2023 - Present

Managing the Studio and other Sensei(s), Safeguarding attendees and studio assets

RPA Developer | Python Developer

Guidehouse | 2021 - 2023 (16 months)

An advanced RPA and Python Developer who's developed multiple automation solutions from start to finish that included Power Platform and Python based automation solutions.

- Lead Developer | Multi Source (10 + Websites) Web scraping and collocation. [Python] ([Check it out](#))
- Lead Developer | Project Management Tool [Power Platform]
- Co Developer | System Vulnerability Assessment Tool [Python]

Freelance Full-stack Developer

Vertical Eye | 2016 - 2019 (7 months)

Built a custom website with an admin dashboard to create new articles, post new books etc. The Backend was built using PHP and JSON as the database and UI with Bootstrap. ([Check it out](#))

EDUCATION

Masters in Artificial Intelligence

Northumbria University | 2023 - 2024

Masters degree in the domain of **Artificial Intelligence** in London, UK
(Projected Result: **Distinction**) 8.0/10.0 (based on official calculation of course grades)
Thesis: *IMU Sensor fusion with Wireless Networks for Enhancing user positioning systems.*

Bachelors (with Honours) in Computer Science Engineering

APJ KTU | 2017 - 2021

Bachelors completed with honours and 9.05 Cumulative grade point.
Thesis: *Smart Home Automation with Machine Learning (Built with Python, Flask, Firebase and a Raspberry Pi Dev board)*

PROJECTS

Multi Source Webscraping

Corporate Project

The Automation solution was entirely built on **Python** and has a plug-and-play **framework** where a parent process triggers all individual child processes sequentially and combine their output into a uniform excel spreadsheet. Read more about the project [here](#).

Project Management Tool | Power Platform

Corporate Project

Project was built on the **Power Apps** Platform with certain functionalities implemented using **Power Automate**. Importing, Exporting of data to and from the tool was implemented.

Home Automation (EVA)

Academic Project | [Open Source](#)

An intuitive home automation solution developed using **Python**. The system was capable of producing consumption trends and understanding simple voice commands. Know more about the project [here](#)

Board-IO - Peer to Peer Drawing Board

Hobby Project | [Open Source](#)

This **peer-to-peer** based drawing board allows you to **draw realtime** with friends and family all over the world and it's **Server-less** and completely free! Check it out [here](#)

Check out my other projects ☺ [\[Click Here\]](#) and my 📁 Github Repository [\[Click Here\]](#)

SKILLS

Technical

Python Selenium Pandas Graphs
Git UiPath Flask Beautifulsoup
SQL OOPS API PowerApps ML
Scrum Agile Project Planning
DB Design HTML5 Data Science

Professional

Effective communication
Team player
Creative
Cost efficient problem solver

CERTIFICATIONS

Data Science Professional Certificate

IBM

2018 - 2019

[Credential](#)

Automation Anywhere Advanced RPA Professional

Automation Anywhere

2021 - 2022

[Credential](#)

First Aid Trained

Protrainings.uk

2023 - 2026

[Credential](#)

LANGUAGES

English (Native)
Malayalam (Professional)
Hindi (Professional)
Japanese (Hobby)

INTERESTS

Hobby Coding
Anime Enthusiast
Photography