

# Elakia V.M.

✉ vmelakia@gmail.com ☎ 9361729651 📍 Thoriappakkam, Chennai in linkedin.com/in/v-m-elakia-49382a212  
🌐 https://medium.com/@vmelakia 🔄 https://github.com/elakiavm

## Profile

Passionate about developing new skills and Looking for an opportunity to import my skills to resolve complex real-life problems.

## Education

**B.Tech IT, St. Joseph's College Of Engineering** 04/2020 – 04/2024 | Chennai  
CGPA - 8.9

**Computer Science, BVM GLOBAL@PERUNGUDI, PERUNGUDI** 04/2018 – 04/2019 | Chennai  
12th - 76%

**The Hindu Senior Secondary School** 04/2016 – 04/2017 | Chennai  
10th - 81%.

## Skills

Flask MongoDB PostgreSQL Sqlite FastAPI Selenium

AWS - EC2, ECR, AUTOSCALING, ROUTE3, EKS, CLOUDWATCH, S3, APPRUNNER Docker

Jenkins K8s Postman Linux Commands Programming Languages (Python Java C)

## Professional Experience

**Developer & DevOps, TACTLABS** 01/2022 – 12/2022 | Toronto, Canada

- Worked as a Team lead, Event Organizer, Finance manager(Admin Team), and Public teaching activity.
- Full-stack Python developer using Flask, FastAPI, RestAPI, HTML, CSS, MongoDB, and PostgreSQL
- Clouding Computing in AWS EC2, Route53, Auto Scaling, EKS, Cloudwatch, ECR, Apprunner and IAM
- DevOps tools like Docker, K8s
- CI/CD pipeline using Jeniks, Heroku
- Data collection and Organizing using Selenium, Scrapy, and Pandas

**NSIC** 12/2022 | Chennai, India

Cloud Computing and IoT we have worked in different clouds like Thinkspeak and blynk cloud. In Thinkspeak we have worked in data visualization by feeding various data sets.

**NIC** 01/2023 | Chennai, India

Learned the basic cloud Technology and created customized ISO using packer with Ansible and using Oracle VirtualBox to host the image. Created customized Ubuntu ISO qcow2 image and lanch it as an instance in Openstack using the CLI.

## Internship worked Projects

**Hosilon project, A Realestate project for a Canadian client**

A web and mobile application project works on the backend and deployment wherein the backend used Flask, FastAPI and MongoDB. For the deployment, used AWS Route53 and AWS S3 for storage.

### **Serkiniti project, A Word Building Game**

A web-based project and contributed in front-end and back-end. Front-end UI/UX using HTML, CSS, Ajax and Jinja. And in the back-end, using the RestAPI, JSON and Docker container for combining compounds.

---

## **Awards**

---

### **Club Activity Full Stack Development, Event: Coding and Software Hackathon club: 3rd Place Jobseeker**

Scaping the Indeed website according to their skill set and job position and sending emails to them.

Tech Tool: Flask, MongoDB, Selenium, Streamlit

### **Micro Erro404 by Micro - Unstop, Won: 4th place**

Scrape and extract information from a specific website using web scraping techniques and tools.

Tech Tool: selenium, fastapi, uvicorn, jinja2, python-multipart, nltk, bs4, html2text, gunicorn

---

## **Certificates**

---

- |   |   |
|---|---|
| • Microsoft Azure Machine Learning, Coursera—<br>Machine Learning | • PCAP: Programming Essentials in Python, Cisco<br>Networking Academy— Python |
| • HackerRank SQL Certificate                                      | • HackerRank Python Certificate   |
| • HackerRank Problem Solving Certificate                          | • HackerRank CSS Certificate  |

---

## **Projects**

---

### **GSchedule — Web tech**

Schedule time management tools can be used to create, track, and share the schedule with team members and stakeholders. And saves time by up to 80%.

Tech Tools: Flask, HTML, CSS, JS, SQLAlchemy and SQLite

### **House Price Prediction— ML**

Algorithm: XGBoost Regression

House price prediction system using Machine Learning with Python-Boston house price prediction, a regression model. Predicted using the label provided with the dataset.

### **Randomizer — Web tech**

Generates random pseudo-names for players in a game, allowing for increased player anonymity and customization.

Tools: HTML, CSS, JS, JSON, FLASK

### **Slack bot - Web tech**

Slack bot to automate and streamline team communication, tasks and workflows within the slack platform.

Tools: slack-SDK, slackeventsapi, flask, pymongo, requests, gunicorn, pandas

---

## **STRENGTHS & INTEREST**

---

Team Work skill, Good problem solver, Leadership skill, Eager to learn new skills, Good communication, Drawing (pencil shading)