

# ABIRAM RAMASAMY

 8778650059  abiramr2003@gmail.com  linkedin.com/in/abiram-r/  abiram965  abiram-portfolio.pages.dev

## Career objective

A passionate professional dedicated to leveraging cutting-edge technologies and techniques to address real-world problems, creating innovative solutions for social and environmental challenges using artificial intelligence and machine learning.

## Work Experience

### Python Developer & R&D Executive

Present

#### Hicup Innovations Pvt Ltd

- Lead the development of innovative Python-based solutions to optimize business processes and enhance product functionalities.
- Implement best practices for code quality, version control, and documentation to ensure the reliability, scalability, and maintainability of software applications.

### Data Analytics and Visualization Job Simulation

June 2024

#### Accenture North America on Forge

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture
- Cleaned, modelled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions

### System Engineer Intern

June 2023

#### Welcome Associates

- Network Management: Participated in configuring and monitoring network devices such as routers, switches, and firewalls to ensure secure and efficient network operations.
- Troubleshooting: Diagnosed software issues, providing technical support to end-users and ensuring minimal downtime. Assisted in the installation, configuration, and updating of operating systems and applications on various systems.

## Education

### Bachelor of Artificial Intelligence and Machine Learning

2021-2025\* - SGPA - 8.81 (Sem 5)

SNS College Of Technology

### All India Senior School Certificate Examination (AISSCE)

2020-2021 - 79.20%

Jawahar Higher Sec School, CBSE

### All India Secondary School Examination (AISSE)

2018-2019 - 66%

Jawahar Higher Sec School, CBSE

## Skills

**Technical Skills:** Python | Data Analytics | MySQL | HTML, CSS | Node.js, React.js (Basics)

**Libraries:** Matplotlib | Computer Vision | Numpy | Pandas | Scikit-Learn | Boto3

**Tool / Platforms:** PowerBI, MS Excel, R, Flutter Flow, Jupyter Notebook, Visual studio Codes, Anaconda, Adobe Photoshop, VM

**Cloud Services:** AWS - IAM, EC2, S3

## Projects

### AI Based Hand Recognition Drawing System

A sophisticated AI-driven system enabling hand recognition for intuitive and precise digital drawing experiences.

#### Image sketching AI

An AI-powered image sketching system that transforms photographs or images into artistic sketches with remarkable precision and detail.

### Face Recognition based Attendance system

A Face Recognition Attendance System automates attendance tracking using facial recognition technology for enhanced accuracy and efficiency.

### TN House prices Prediction

The objective of this project is to develop a predictive model for house prices based on several parameters such as location, size, relevant factors. The dataset for this project is created using web scraping techniques from the Housing and Urban Development of Tamil Nadu website.

## Certifications

- |                                 |                                     |           |
|---------------------------------|-------------------------------------|-----------|
| • PowerBI Analytics             | <a href="#">Guvi</a>                | Apr 2024  |
| • AI For India 2.0              | <a href="#">Skill India Digital</a> | Aug 2023  |
| • Python and computer vision    | <a href="#">SpaceAI</a>             | Jan 2021. |
| • Face Recognition using openCv | <a href="#">LetsUpgrade</a>         | Mar 2022. |
| • Machine learning and python   | <a href="#">DevTown</a>             | Sep 2022  |

**Declaration :** I, hereby declare that all the above furnished information are true to the best of my knowledge.