

# KARUPPASAMY R

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Madurai, Tamilnadu

## JUNIOR SOFTWARE DEVELOPER

An accomplished professional around 9 months of Python and PHP technology, software architecture, product lifecycle management and client management. Excellence in managing complete engineering operations involving requirement analysis, finalization of specifications, designing, prototype development, testing and development in compliance to global quality standards.

## KEY COMPETENCIES

Python  
SQL  
PHP

HTML, CSS  
Machine Learning  
Data Mining

Team Worker  
Time Management  
Flexibility

## PROFESSIONAL EXPERIENCE

Elysium Technology Pvt Ltd  
Junior Developer

Oct 2022 - July 2023

- To provide assistance to support continuous improvement throughout the development life cycle of computer applications.
- Develop and implement complex machine learning algorithms and models for predictive analysis, recommendation systems, and image processing applications.
- Utilize Python frameworks such as scikit-learn, TensorFlow, and Keras to build and train machine learning models, neural networks, and deep learning architectures.
- Implement data preprocessing, feature engineering, and optimization techniques to enhance model performance.
- Conduct data mining and exploratory data analysis to extract insights and patterns from large datasets.

## PROJECTS

### **Disease Prediction Using Machine Learning**

**Description:**

Our project concentrates on this part of medical conclusion learning design through the gathered data of diabetes and to create smart therapeutic choice emotionally supportive network to help the physicians.

**Tech Used:** Python, Machine Learning and Deep Learning

**Tool Used:** Spyder

### **Ecommerce Site**

**Description:**

The goal of the application is used by Shop owners to manage the data of product availability and managing the process of export.

**Tech Used:** PHP, HTML, CSS, Bootstrap.

**Tools Used:** VS Code.

**Database:** MYSQL.

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## EDUCATION

### **PSNA College of Engineering and Technology, Dindigul**

Bachelor of Engineering - 79%

### **Velammal Higher Secondary School, Madurai**

HSC - 79%

### **Velammal Vidyalaya Viraganoor, Madurai**

SSLC - 90%

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