# Keerthivasan R

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## EDUCATION

### DHANALAKSHMI SRINIVASAN INSTITUTE OF TECHNOLOGY

B.E in Computer Science and Engineering
Sept 2020 - Jun 2024 | Trichy, Tamil Nadu
• CGPA:8.01 | Expected Results in August - 2024

### ANNAI MEENATCHI HIGHER SECONDARY SCHOOL

2018, 2020 | Aranthangi, Tamil Nadu
•10th: 86.4%
•12th: 63.8%

## CONTACT

**GitHub:** https://github.com/iam-ketivs
**LinkedIn:** https://www.linkedin.com/in/ketivs/

## SKILLS

### TECHNICAL SKILLS

Proficient with
Python•C•SQl•HTML5•CSS3 •JS •Linux•Git
Familiar with:
Machine Learning•Data Structures•Natural Language Processing•Java•Php

### SOFT SKILLS

Strong with:
Analytical Thinking • Problem Solving • Communication • Adaptability • Teamwork • Presentation Skills • Documenting

## INTERNSHIP

### JP MORGAN - (FORAGE)

Software Engineering - July 2024

- Completed practical software development using stock price data at JP Morgan chase
- Prepared a **PowerPoint deck** and **video presentation** to communicate key insights for the client and internal stakeholders.

### MASTERCARD - (FORAGE)

Cybersecurity job simulation - July 2024

- This program likely involved tasks like designing phishing email scenarios, raising awareness of cyber threats, and understanding security best practices.

## TECHNICAL PROJECTS

### FAKE PROFILE IDENTIFICATION IN SOCIAL NETWORK

PHP | HTML & CSS | JavaScript | MySQL | Bootstrap

- Developed a machine learning model to detect **fake profiles** on social networks.
- Utilized data preprocessing techniques and **feature engineering** to enhance model accuracy.
- Employed various analytical methods including **text analysis**, **network analysis**, and **anomaly detection**.
- Evaluated model performance with metrics tailored for classification tasks, such as **precision**, **recall**, and **F1-score**.

### CISCO NETWORKING CCNA | Packet tracer

- Developed a routing and switching technology.
- Achieved 25% increase in data transfer speed by implementing network optimization techniques.
- Allowed 20% increase in the number of concurrent users on a network.

### DRIVER DROWSINESS DETECTION USING MACHINE LEARNING

Python | OpenCV | TensorFlow | NumPy | Keras

- Developed a real-time driver drowsiness detection system using computer vision techniques and **machine learning** algorithms.
- Implemented in Python utilizing **OpenCV** for image processing and **TensorFlow/Keras** for model development.
- Integrated **eye tracking** and **facial landmark detection** to monitor driver fatigue levels.
- Utilized **convolutional neural networks (CNNs)** to classify driver alertness states based on facial cues and eye movements.

## CERTIFICATIONS

- **Edureka** | Big Data Certification
- **Google** | Advance Google Analytics
- **T4TEQ Software Solutions** | Programming in C Certification
- **T4TEQ Software Solutions** | Programming in Java Certification