

# VARSHINI.S

Open for Oppourtunities

I am a dedicated, smartworking, vangaurd and proactive developer with a strong background in Data Science, Machine learning and Web Development. Abundant Problem Solver.



## REACH ME

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9789788225

## EDUCATION

### B.E. Biomedical Engineering

KPR Institute of Engineering and Technology

2018 – present CGPA : 9

### HSC

Sri Ramakrishna Vidyalaya Matric Hr.Sec.School

2017 – 2018 85%

### SSLC

Sri Ramakrishna Vidyalaya Matric Hr.Sec.School

2015 – 2016 96%

## SKILLS

- Data Science
- Machine Learning
- EDA
- Computer Vision
- Full Stack Web Development
- Git and Version
- Graphic Design
- Python
- Html
- CSS
- PHP
- MYSQL
- JS
- C
- Illustrator
- Photoshop

## INTERNSHIP

### Data Science and Business Analytics (2021)

The Sparks Foundation

- Solved a Task, "Stock Market Prediction using Numerical and Textual Analysis" using ARIMA model to forecast stock prices for better Accuracy.

### Software Engineer (2020)

JP MORGAN CHASE & CO

- Front-End Web Development
- Data Visualization with Perspective

### Data Analytics (2020)

KPMG

- Analyzed Data Quality and insights

## CONFERENCE

### Paper Presentation (2020)

Topic : Role of Engineering in dealing with the pandemic

Park college of engineering and technology, Coimbatore

## ACHIEVEMENTS

### Winner of V-Hack-A-Thon (2021)

Verzeo EduTech Limited

### 3rd Position in Altimetrik-Women Code-A-Thon (2021)

Altimetrik

### 7th Position in Hack To Enable (2021)

HackerEarth's Social Hackathon

### Runner-up of CODE\_KRIEG 2021

IPEM, Ghaziabad

### GUVI

Rank: 98(Global)

### Best Drawing Award (2020)

School of Life Sciences, B. S. Abdur Rahman Crescent Institute of Science & Technology Association with Microbiologists Society, India(MSI) Virtual Antimicrobial Symposium

### Paper Presentation 3rd Prize (2020)

Coimbatore Productivity Council

### Academic Topper (2020 )

CGPA:8.8

### B. A. Hindi (2009-2013)

Hindi Prachar Saba

## CERTIFICATES/ MOOCS

### Coursera

- Predict Diabetes with a Random Forest using R
- Graphic Design
- Linear Regression with Numpy and Python
- Build your portfolio website with HTML and CSS
- Build a Data Science Web App with Streamlit and Python
- User Experience Design

### LinkedIn

- Succeeding in Web Development: Full Stack and Front End
- Graphic Design Careers
- Building Deep Learning Applications with Keras 2.0

### HackerRank

- Python

## PUBLICATIONS

### Foot-Ulcer Wound Analysis Using Image Segmentation and Morphological Operations

<http://annalsofscrb.ro/index.php/journal/article/view/1341>

## PROJECTS

### Biometric based Attendance System using OpenCV

- Developed an attendance system where the user is automatically logged when they are detected in the camera
- And Stores the name along with the time in the database

### Employee Churn Prediction

- Performed EDA and visualization
- Evaluated Model Performance and got 97% accuracy

### Image Decipherment

- Developed for hiding information in any image file
- Useful for secret communication among agencies / people

### Face Landmark Detection

- Detected 68 Coordinates of the face
- Used for Virtual makeover and Face Morphing

### Stock Market Prediction using Numerical and Textual Analysis

- ARIMA model to forecast stock prices in Python
- VADER to predict the Sentiments of news headlines.

### Portfolio Website

- Developed using HTML, CSS, JS
- Hosted on Github

## COMMUNITY ROLES

### Organizer(2020)

Progate

### Student Co-Ordinator (2020-Present)

IIT-PALS

## INTERESTS

- Graphic Design
- Kaggle
- Blogging
- Flat design illustration
- Sketches
- Infographics
- Mindfulness
- Surfing Hackathons

## LANGUAGES

TAMIL	ENGLISH	HINDI
Native or Bilingual Proficiency	Full Professional Proficiency	Limited Working Proficiency