Sreedhar V
Computer Science Engineering student

Diligent Computer science engineering student with thirst for learning new good values and skills.

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EDUCATION

B.E Computer Science Engineering
SSN College of Engineering ⬈

04/2020 - Present   *CGPA of 8.6*

Position of Responsibility

- National Service Scheme Volunteer.
- University Registration Number - 185001161.
- Students placement coordinator for CSE department.

12th Grade
Bharathi Vidya Bhavan

07/2016 - 04/2018   *Erode, Tamilnadu*

Notable Achievements

- Graduated with the score of 96.75%(1161/1200).
- Cleared JEE Mains (100/360).

10th Grade
Reliance Matric Higher Secondary School

07/2015 - 04/2016   *Namakkal, Tamil Nadu*

Notable Achievements

- Obtained a score of 493/500(98.6%).
- National Scouts and Guides member.

PROJECTS

Covid-19 Prediction using chest X-rays - Deep Learning (03/2021 - Present)
- A web application which uses a deep learning model to detect COVID-19 patients from their chest radiography images/X-ray/CT scans with an accuracy of 97-98% using python and flask.
- It also uses GRAD-CAM technique to further highlight the affected regions of the image with clear visual output.

Smart Home Secutiy System - IOT/Deep Learning (04/2020 - Present)
- Face recognition algorithm to classify people into categories and providing security to home.
- Includes face liveness detection , various IOT sensors to improve the security measures and an android app for managing the whole system.

Courseverse - Object Oriented Analysis (01/2021 - Present)
- An User-friendly full stack application which adopts the OOAD concepts and simulates the course reservation system with reactjs and nodejs with mysql as the backend database.

Identify Customer Segments - ML (04/2020 - 05/2020)
- Within the project both the general population and the customer population of Germany were compared and segments were identified for the future marketing campaigns.
- Real world dataset provided by Udacity partners at Bertelsmann Arvato Analytics of Germany.

SOFT SKILLS

Team Work | Critical Thinking | Problem solving

Leadership | Creative | Deliberant

COURSES / WORKSHOP

Deep learning Specialization (06/2020 - 08/2020)
Coursera

Introduction to Machine Learning with TensorFlow (04/2020 - 05/2020)
Udacity

Machine Learning Workshop
ACM-SSNCE

WORK EXPERIENCE

IT Intern - Airport Authority of India (04/2021 - Present)
Software oriented implant internship

TECHNICAL SKILLS

Programming
C, C++,Python, Java, shell script, Javascript

Frameworks/Libraries
Numpy , TensorFlow, Sci-kit learn , OpenCV, Keras, Seaborn, Matplotlib,Pandas.

Web Development
Node.js, React.js ,HTML , CSS , Javascript

Database Management
MySql, MangoDB , JDBC

Tools
Git , Jupyter Notebook, VScode , Netbeans, Pycharm

LANGUAGES

English
Professional Working Proficiency

Spanish
Elementary Proficiency

Tamil
Native or Bilingual Proficiency

ACHIEVEMENTS

Artificial intelligence | Software development

Deep learning