

Viswanathan Krishnan

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Education

St. Joseph's College of Engineering, OMR
Bachelor of Technology in Information Technology

Nov 2021 - Present
CGPA: 8.54 / 10.00

Alwin Memorial Public School, Selaiyur
Computer Science

2010 - 2021
Percentage: 94.8%

Experience

GDSC SJCE
Machine Learning Facilitator

February 2024 - Present
OMR, Chennai

- Led Google Developer Student Clubs (GDSC) as Machine Learning Lead for my college, fostering a vibrant community for enthusiasts, organizing workshops, and mentoring members through hands-on projects.
- Facilitated networking opportunities with industry professionals, enhancing members career prospects and fostering collaborations within the machine learning ecosystem.
- Demonstrated leadership and organizational skills by coordinating events, promoting knowledge sharing, and driving engagement in the field of machine learning within the university community.

Twilearn Edutech
Data Science Intern

Feb 2023 - March 2023
Remote

- Completed Internship at Twilearn, specializing in employee attrition analysis with Tableau visualization and heart disease prediction using Support Vector Machine model.
- Demonstrated adeptness in data analysis and machine learning techniques, contributing actionable insights for strategic decision-making
- Applied analytical skills to deliver impactful solutions, fostering organizational optimization and healthcare enhancement.

Achievements

SIH 2023 FINALIST : Developed a robust solution to predict tree height that are lying beneath power transmission lines and alert the ministry of power when the trees are about to collide with the transmission lines

VIZ-A-THON 2023: Conquered the second place in VIZ-A-THON competition organised by IEEE club in St. Joseph's College of Engineering. Designed a PowerBI dashboard which showcased the data analysis of Netflix user data

Leetcode : 450+ Problems

Skillrack : 1000+ Medals

Technical Skills

Languages: Python, C, Java, Html, CSS, Javascript , MySQL

Technologies: React.js , Express.js, Node.js, Flask, Pandas, Numpy, Seaborn, Tableau, PowerBI, Flutter

Concepts: Machine Learning, Data Science, Web Development, Database Management System, Data Structures and Algorithms

Tools: VS Code, GitHub, Android Studio, Google Colab

Projects

QR Code based description of Exhibits in Museum | Python, ReactJS, Flask, MySQL, ImageBB

- Built a React Application for QR code based description of exhibits in museum with multilingual support.
- Users can scan the QR code placed near the exhibit to fetch description of the particular exhibit and choose their desired language for reading the description.
- The static placards are replaced by QR codes so that the description can be made dynamic and can be updated.

Voice Assistant for Desktop | Speech Recognition, Tkinter, Pyttsx3, Python

- Engineered a voice assistant with Python and Speech recognition module which responds to user's requests appropriately.
- Supports wake word detection, multiple voice support and automated opening and closing of applications through voice input.