



SHARAN S S

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EDUCATION

Bachelor Of Computer Science and Engineering | *CGPA : 9.20*

PSG College Of Technology

Oct. 2020 – May 2024

Coimbatore, India

WORK EXPERIENCE

Machine Learning Project Intern

Samsung, Research and Development.

Sep. 2022 – Present

Bangalore, India

Backend Developer Intern(Remote)

DataMyth, Inc.

Jul. 2022 – Aug 2022

Middletown, Delaware

- Tech Stack : Python, Flask, MongoDB, Rest API.
- Created a Reset Password API in Flask for Company's website.
- Worked on Google Ads Analytics.

SKILLS

Languages : Java, Python, SQL, C

Frameworks : Python (Pandas, Numpy, Matplotlib, Scikit-Learn, Flask, Streamlit),

Areas Of Interest: Machine Learning, Data Analytics, Cloud Computing, App Development, Backend Development.

PROJECTS

(Present) Region Of Interest Detector - Financial Information | *Python, Google Colab*

Created Dataset from scratch and its associated Annotations. Currently exploring different models for training the dataset.

Heart Disease Prediction | *Pandas, Numpy, Matplotlib, Scikit-Learn, Jupyter*

Performed Data Cleaning, Data Analysis on Cleveland Heart Disease Dataset and used Random Forest Classifier with hyperparameter tuning to increase the performance metrics.

Venmurasu Novel Data Analysis | *Python, AI4Bharat Model, Google Text to Speech, Heroku*

Extensively used Python to clean Datasets of Venmurasu Novel and analysed the performance of AI4 Bharat model and Google Text to Speech Engine.

HONORS AND AWARDS(TECHNICAL)

Winner - PseudoContest 2022

Coding Contest conducted by Coding Club, PSG Tech.

Runner Up - Ode2Code 2022

Intra College Coding Contest with Esoteric Programming Languages.

College Level Finalists - Smart India Hackathon 2022

Proposed a Resident Consent Framework for various Government Welfare Schemes.

Winner - CSEA Hackathon 2021

Developed a Chatbot using third party API to help people navigate our college with ease.

Semi Finalist - Ideation Hackathon 2021

Proposed a Navigation Application for People with poor eyesight.

Runner Up - Venmurasu Programming Contest 2021

Performed Data Cleaning and Analysis on Venmurasu Novel.

COURSES AND CERTIFICATIONS

AWS Going Cloud Native - Coursera

Understood the overall concept of Cloud and the key services provided by AWS.

Problem Solving Basic - Hackerrank

Certification for clearing Coding Test conducted by Hackerrank.

Machine Learning Bootcamp - Udemy

Learnt the basics of Machine Learning and its applications.

Flutter SDK Bootcamp - Udemy

Applied the core concepts of Flutter SDK to build Mobile Applications.

OTHER ACHIEVEMENTS(NON TECHNICAL)

Winner - QRiosity

A debate Competition conducted by IEEE, PSG TECH.

Winner - IPL Auction

Participated as a Team of 4 and emerged winners of the IPL Auction conducted by IEEE, PSG Tech.

Participant - Paper Presentation

Presented a Paper on Innovative Teaching Methods for improving Rural Education.

CLUBS AND ORGANIZATIONS

Radio Hub

Actively participated in managing events and developed leadership skills.

Jan 2021 - Present

IETE

Managed Database for IETE's website and also hosted flagship events.

Jun. 2021 - Aug. 2022