Samanyu B Rao

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An aspiring **Software Engineer** who is familiar with practices such as coding, testing, code reviews, and code comments. I am skilled in C, C++, and Python. I also have excellent communication skills and the ability to express myself clearly and concisely. I am looking forward to implementing and launching new projects. I am capable of translating business requirements into technical solutions.
I am hoping to begin my career as an entry-level software engineer with a reputable technology-driven firm.

EDUCATION:

CSE, B.Tech - CSE CORE   Sep 2020 - Jun 2024 (Expected)
SRM KTR, Chennai(CGPA: 8.67)

12th CBSE - PCM   2019 - 2020
The New Tulip International School Bopal Ahmedabad GUJ, Ahmedabad (Percentage: 73%)

10th CBSE - Science   2017 - 2018
SRI SRI RAVISHANKAR VIDYA MANDIR BANGALORE KK, Bangalore (Percentage: 78.8%)

PROJECT:

1. Housing Data Prediction Model - Machine Learning   Feb 2023 - Apr 2023
A Predictive model for US housing prices uses Python and machine learning libraries, trained on datasets from various US cities.

2. Fingerprint Image Analysis - Biometrics   Feb 2023 -Apr 2023
The Python Fingerprint image analysis system processes images and extracts features for matching and identification.

3. Red Wine Quality Prediction - Machine learning and Neural Networks Jan 2023 - Apr 2023
Machine learning predicts Red Wine Quality using chemical properties and a dataset of 0-10 ratings.

4. Personal Portfolio (Using React.Js, Sass and Sanity)   Aug 2023 - Present
A Portfolio made using React.JS, Sanity, Sass and HTML (Fullstack Web Development).

5. NeuraLipNet   Apr 2023 - May 2023
Neuralipnet is a deep learning model that recognizes words from lips movements in videos using convolutional and recurrent neural networks.

EXPERIENCE:

Intern   Oct 2022 - Present
Sequelstring Solutions and Consultancy Pvt Ltd, New Delhi
Working on web automation and artificial intelligence/machine learning algorithms.

Intern   Mar 2022 - Apr 2022
Teachnook, New Delhi
Major project - we did the analysis for Iris data using Machine Learning in Python

Volunteer   Mar 2021 - Jun 2022
Aarush; PCH | Cause: Arts and Culture, Chennai
Assisted in the organization of the Aaruush event in 2021. I was a member of the team in charge of the Xzone and Robogyan events.

SKILLS:

Intermediate in: Data Science, Machine Learning, Data Analysis, Python, C++ Language, C Language, Data Mining, Robotic Process Automation, JavaScript, TypeScript, Git, React.Js, Sanity, HTML + CSS, Sass, Node.js

Basic in: Swift, NLP, Web Development, IOS App Design and Development

LICENSES & CERTIFICATIONS:

Stanford University & DeepLearning.AI Machine Learning Specialization   2023
DeepLearning.AI -
https://www.coursera.org/account/accomplishments/specialization/certificate/7CSFD7AFJF9S

Improving Deep Neural Networks   2022
DeepLearning.AI - https://coursera.org/verify/TPYQYNFDSFJZ

Exploratory Data Analysis for Machine Learning   2022
IBM Skills Network - https://coursera.org/verify/LMCQXMW632M6