

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
SRM KTR, Chennai(CGPA: 8.67)

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

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

PROJECT:

1. [Sustainable Mobility Tracker](#) - Machine Learning June 2023 - Nov 2023
This is a Flask web application that predicts fuel consumption and compares vehicle models based on CO2 emissions. It uses machine learning models to make predictions.

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 (Full stack 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 - Jan 2024
Sequelstring Solutions and Consultancy Pvt Ltd, New Delhi
Web automation and Artificial Intelligence/Machine Learning Algorithms.

Intern Jan 2024 - Aug 2024
Schneider Electric, Bangalore
QA - Automation

GET(Full Time) Aug 2024 - Present
Schneider Electric, Bangalore
QA - Automation

SKILLS:

Data Science, Machine Learning, Data Analysis, Python, Java, C++ Language, C Language, Data Mining, Robotic Process Automation, JavaScript, TypeScript, Git, React.Js, Sanity, HTML + CSS, Sass, Node.js, Swift, NLP, Web Development, IOS App Design and Development

LICENSES & CERTIFICATIONS:

Stanford University & DeepLearning.AI Machine Learning Specialization	2023
<i>DeepLearning.AI</i> - https://www.coursera.org/account/accomplishments/specialization/certificate/7CSFD7AFJF9S	
Improving Deep Neural Networks	2022
<i>DeepLearning.AI</i> - https://coursera.org/verify/TPYQYNFDSFJZ	
Exploratory Data Analysis for Machine Learning	2022
<i>IBM Skills Network</i> - https://coursera.org/verify/LMCQXMW632M6	