

Tanmay Vijay Kulkarni

Address: D-601, Hari Om Puram, DP Road, Aundh, Pune, 411007 • Date of Birth: 12 Dec 2002 • Mobile no.: +91 853 014 9449

• [linkedin.com/in/tanmay-kulkarni12](https://www.linkedin.com/in/tanmay-kulkarni12) • github.com/Darshula • tanmayvkulkarni12@gmail.com

SUMMARY

Highly motivated student pursuing B.E. in 'Artificial Intelligence and Machine Learning', skilled in implementing & optimizing machine learning models and neural networks with an eye for detail.

EDUCATION

Savitribai Phule Pune University	Pune, MH, IN
P.E.S. Modern College of Engineering, Shivajinagar	2020 – 2024
B.E. Artificial Intelligence and Machine Learning	CGPA: 8.7 / 10
CBSE Std. XII	Pune, MH, IN
D.A.V. Public School, Aundh	2020
	Percentage: 73.8%
CBSE Std. X	Pune, MH, IN
D.A.V. Public School, Aundh	2018
	Percentage: 90.4%

TECHNICAL SKILLS

Programming Languages: Python, C++, Java, JavaScript

Databases: MongoDB, MySQL, PostgreSQL

Skills: Machine Learning, Deep Learning, Full-Stack Development

Frameworks: TensorFlow, PyTorch, Node.JS, ExpressJS, React

CERTIFICATIONS

Machine Learning Specialization	Coursera
DeepLearning.AI, Stanford University	2023
Deep Learning Specialization	Coursera
DeepLearning.AI	2023

PROJECTS

Neural Network	2023
<ul style="list-style-type: none">• Backpropagation neural network written in Python• Users can select number of layers and neurons in each layer• Activation functions can also be chosen for each layer• Object-oriented• Trains the model and predicts output based on input• Provides visualizations for gradient descent	
Sorting Algorithms	2022
<ul style="list-style-type: none">• Implements Bubble, Insertion, Selection, Quick, Merge, Radix and Heap sorting algorithms• Written in C++ 17 and built with CMake• Uses templates for functions• Optimized for speed for array sizes under 2^{15} elements• Returns time elapsed in sorting for benchmarking	

VIRTUAL INTERSHIPS

AI-ML Virtual Internship- AICTE, EduSkills Foundation

- Amazon Web Services Academy course
- Completed 'AWS Academy Cloud Foundations' and 'AWS Academy Machine Learning Foundations' online courses
- Virtual internship spanning 10 weeks

