

Pooja Patil

Web developer, Machine learning enthusiast

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Looking forward to build technical skills, gain industrial exposure and experience working with cutting edge technologies, so as to be dynamic and enterprising in approach, while achieving organizational goals in a healthy work environment.

ACADEMICS

Bachelor of Technology, Information Technology

Veermata Jijabai Technological Institute [VJTI]

07/2018 – Present

7.41 CGPA

Courses

- Artificial Intelligence, Machine Learning, Data Structures and Algorithms, Java Programming, Discrete Structures

Diploma in Computer Engineering Government Polytechnic Thane

07/2015 – 06/2018

93.13%

Courses

- Received "Topper of the institute" award in recognition of achieving 93.13% in the final year of diploma in computer engineering.
- C/C++ Programming, Database Management Systems, Computer Networks, Computer Security

10th

Secondary School Certificate Board [SSC],
Maharashtra

06/2013 – 06/2015

94.40%

Achievements

- Received "Student of the year" award in appreciation of an all-rounder performance.

WORK EXPERIENCE

Web Development Intern

Erfinden Technologies Pvt. Ltd.

04/2020 – 06/2020

Tasks

- Led the team for the development of Thanxgiving, a crowd-funding platform developed for upcoming artists, NGOs, entrepreneurs and corporate CSRs for crowd-funding and crowd-sourcing time, money, things and place. [🔗](#)

Chief Marketing Officer

Pratibimb VJTI

06/2019 – 12/2019

Tasks

- Promoted the national level cultural extravaganza by implementing various marketing strategies

TECHNICAL SKILLS

JAVA

Full Stack Web Development

Machine Learning

ReactJS

NodeJS

Python

PHP

JavaScript

C

C++

HTML

CSS

MySQL

Computer Networking

SQL Server

Adobe XD

Xampp

PROJECTS

Thanxgiving (Adobe XD (Front-end design), PHP, MySQL, HTML, CSS) [🔗](#)

- A crowd-funding platform developed for upcoming artists, NGOs, entrepreneurs and corporate CSRs for crowd-funding and crowd-sourcing time, money, things and place.

Neural Network Visualizer (Python) [🔗](#)

- Created a Neural Network Visualizer web application using Streamlit, and a model server using Keras and Flask. I used Keras to train a Neural Network model, and used Keras' functional API to create a model with multiple outputs. The web application visualizes the outputs of all the nodes of all the layers of the neural network for a given input image.

Remaining Useful Life of Lithium Ion batteries (Python) [🔗](#)

- The remaining life of Li-Ion batteries was predicted by training the model for various datasets, considering various factors by applying Support Vector Machines.

Bus Tracking System (PHP, HTML, MySQL) [🔗](#)

- The system provides real time information about buses (Information details, route of commute, stops, current location, delay in arrival time).

Revive – A suicide prevention initiative (JavaScript, HTML, CSS) [🔗](#)

- The website was developed for helping survivors get through their difficulties, it contains survivor stories, suicide prevention helplines and statistics regarding the said crisis.

CERTIFICATION

Software Engineering Virtual Experience - JP Morgan Chase

Familiarized myself with JPMorgan Chase frameworks and applied my technical skills to a hypothetical request from the firm's trading floor to analyze and visualize data in a new way.

Deep Learning Specialization by deeplearning.ai
(03/2020 – 04/2020) [🔗](#)

Neural Networks and Deep Learning, Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization, Structuring Machine Learning Projects, Convolutional Neural Networks, Sequence Models