

Rashmil Panchani

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Education

Bachelor's of Engineering, Computer Engineering
Dwarkadas J. Sanghvi College of Engineering
CGPA (6 semesters): 9.963 out of 10

August 2017- June 2021

School

ICSE & Maharashtra HSC
Grade 10: 92.5%
Grade 12: 89.08%

Graduated 2015 & 2017

Work Experience

Machine Learning Research & Development Intern

May 2019 - July 2019

Phionike Solutions, Kandivali, Mumbai

- Worked to set up the ML R&D division for the company, laying foundation for documentation of each ML project. Laid down foundations of a project idea, performing the requirements analysis and risk analysis of the entire project. Built and deployed an Amazon's Alexa Skill named "Blogger" that can read blogs for the user from the requested feed.

Professional Photographer

January 2019 - February 2019

peAR Technologies, Ghatkopar, Mumbai

- Worked as a professional Photographer to make dataset of various food dishes. Images of the dish from various angles to recreate the original dish in 3D using Augmented Reality technology.

Projects

• Garduino (Final Year Project)

An Internet of Things and Web-App based smart application to monitor the plants using various sensors.

• Natural Language Processing Projects & Computer Vision Projects

Chatbot to answer Stack Overflow Questions, Named Entity Recognition, Part of Speech Tagging, Poetry Generation, Sarcasm Detection and various other text classification projects. Face recognition, Emotion Recognizer and Car number plate detector from CCTV footage using OpenCV.

• Automation Projects

A bot, to play a game's repetitive events using OpenCV's and pyautogui, reducing human effort. Library Attendance Manager, deployed in college library to maintain logs of entry.

• Web Projects

Profile page in ReactJS, DJ Archive (project Lead and Collaborator), College Event Manager (Project Collaborator)

• Smart India Hackathon Project & E - Yantra Competition

Winner in intra-college hackathon for building a platform that helps teachers engage students in online lectures by providing analysis of the lectures. For E -Yantra competition, built a line-following robot and reached semi-finals of the competition.

Skills

Languages

C, C++, Embedded C, Go, Python, Java, Javascript

Web Development

NodeJS, Django, Flask, HTML5, CSS3, React, REST, GraphQL, Websockets, WebRTC

Technologies

SQL, MongoDB, Postgre SQL, Arduino, Redis, Keras, NLTK, Tensorflow, AWS

Leadership Skills

BE mentor at DJ Unicode, Project lead and mentor for juniors at DJ Unicode, Leader of E - Yantra team.

Activites

Events in charge at DJ Unicode, conducted workshop on Object Oriented Programming, participated in various workshops, completed numerous courses from Coursera.org

Publications

Under Review- "Analysis of the Effectiveness of the Non-vaccine countermeasures taken by the Indian Government against Covid-19 and Forecasting using Machine learning and Deep learning.", Akash Shah, Prof. Kriti Srivastava, Romil Shah, Manan Gandhi, **Rashmil Panchani** and Govind Thakur. CRC Press, Taylor and Francis Series.