

Contact

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Useful Links:

[LinkedIn](#) | [Github](#) | [Kaggle](#) | [Hackerrank](#)
<https://tanmayvijay.github.io/>

Education

University Departments, Rajasthan Technical University – B.Tech

Computer Science and Engineering

AUG 2017 – APR 2021 (Ongoing)

Score: 9.4 CGPA (till now)

Hadauti Bal Vidhyalaya – XII Standard

Science and Mathematics

APR 2014 – MAR 2017

Score: 86 %

Modi Public School – X Standard

APR 2002 – MAR 2014

Score: 8.8 CGPA

Skills

Languages:

Python, C, C++, Java, HTML, JS

Industry Knowledge:

Data Structures and Algorithms,
Object Oriented Programming,
Database Management Systems

Other Technologies:

Django Backend Framework,
Machine Learning, Deep Learning,

Courses / Trainings

Algorithmic Toolbox

[Coursera](#) | MAR 2020 – APR 2020

Machine Learning

[Coursera](#) | MAR 2019 – APR 2019

Neural Networks and Deep Learning

[Coursera](#) | MAY 2019

Improving Deep Neural Networks

[Coursera](#) | JUN 2019

Structuring Machine Learning Projects

[Coursera](#) | JUN 2019 – JUL 2019

Tanmay Vijay

VI Semester - B.Tech, Computer Science and Engineering

University Departments, Rajasthan Technical University, Kota

Work Experience

Web Developer – OCT 2019 – DEC 2019

MedillPharma.com, Freelance

Developed and maintained a complete website for client. Created backend for handling users, custom emails and dynamic site updation. Also handled client side of the website, wrote content about the company and products.

Mentor/Instructor – SEP 2018 – PRESENT

Techknights, Programming Club

An active member of the society/club and mentor to juniors who seek knowledge and guidance related to various technologies.

Also been teaching programming and technical concepts to club members with an ambition of creating self-sustaining students community.

Projects

Nebula - A Programming Language – JAN 2020 – APR 2020 | [GitHub](#)

Technologies: C++, Principles of Compiler Design.

Implemented various elements of compiler like **Lexical Analyzer**, **Parser**, **Semantic Analyzer** and Runtime Environment. Expressions are converted to **Abstract Syntax Trees** using **Modified Shunting Yard Algorithm (Dijkstra)**.

COVID-19 Contact Tracker Application – DEC 2019 – JAN 2020 | [GitHub](#)

Technologies: Django, Heroku, Android API v5.0, Google Nearby API.

An application to detect when two people come in contact, so as to identify potential Corona cases if one of them is found positive.

Challenges: Detecting contact, Connecting django backend, Optimizing for large database size, Reducing battery requirements in app.

Taxonomy Prediction on Stack Overflow Data – JUL 2019 – AUG 2019

- **Selected for TCS HumAI, 2019** | [GitHub](#)

Technologies: Python, Machine Learning, Keras, Scikit-Learn.

Trained a One-vs-Rest classifier model using Bag of Words that can be used to automatically classify questions into multiple categories using the question title and description.

Face Detection App – APR 2019 – MAY 2019 | [GitHub](#)

Technologies: Python, OpenCV, Tkinter.

Developed a GUI application to automatically detect faces and eyes in images using pre-trained OpenCV haar-cascades.

OTHER PROJECTS

Web browser handler for YouTube Search API on JS | [GitHub](#)

Predicting Fashion Class on MNIST Dataset [ML] | [GitHub](#)

Flappy Bird clone for practicing GUI on Python | [GitHub](#)

Nokia inspired Snake Game on C++ | [GitHub](#)

Achievements

Achieved Global Rank 1 in Python Programming on Hackerrank | [Verify](#)

Worked on a startup - College Conexion as backend developer | [Verify](#)

- The app achieved traction of over 1200 users within its first month.