

Contact

Email: tanmayvijay27@gmail.com

Website: <https://tanmayvijay.github.io/>

Useful Links:

[LinkedIn](#) | [GitHub](#) | [Hackerrank](#) | [G4G](#)

Education

B.Tech – Computer Science and Engineering

University Departments, Rajasthan Technical University, Kota

AUG 2017 – APR 2021 (Ongoing)

Score: 9.45 CGPA

XII Standard – Mathematics and Science

Hadauti Bal Vidhyalaya, Kota

APR 2014 – MAR 2017

Score: 86 %

X Standard

Modi Public School, Kota

APR 2002 – MAR 2014

Score: 8.8 CGPA

Skills

Languages: Python, C++, C, HTML

Coursework: Problem Solving, Data Structures, Algorithms, OOP

Frameworks: Django, STL

Industry Knowledge: Machine Learning, Deep Learning

Courses / Training

Machine Learning

Coursera | MAR 2019 - APR 2019

C++ Training

CAD Desk Kota | JUN 2018 – JUL 2018

Data Structures and Algorithms Specialization

Coursera | MAR 2020 - AUG 2020

Algorithms Pt-I & Pt-II

Coursera | JAN 2020 - FEB 2020

Tanmay Vijay

VIII Semester - B.Tech, Computer Science and Engineering

University Departments, Rajasthan Technical University, Kota

Work Experience

Software Engineering Intern – NCR Corporation FEB 2021 – AUG 2021

Worked on development of **large scale product** used by customers all over the world, using C# (.Net) windows application frameworks with a team driven by agile and result oriented approaches.

Automation Engineering Intern – QualyVal Ltd NOV 2020 – JAN 2020

Created an **automation API** using TagUI and python to simplify bot creation and worked with clients on **client projects** to handle real time requests.

Summer Intern – LNMIIT, Jaipur MAY 2020 – JUL 2020

Collected 140,000 tweets from different states of India and worked on **analysing sentimental** variation and effects of COVID-19 on mental health.

SDE Intern – Naxap Technology Pvt Ltd MAY 2020 – JUL 2020

Worked on a **Translation API** to translate 7 languages to English, Scrapping exhaustive lists of words and n-grams and their translation.

Freelance Web Developer – MedillPharma.com OCT 2019 – DEC 2019

Developed and maintained a complete **website** for the client. Created backend for handling users, custom emails, and dynamic site updates.

Projects

A Programming Language Interpreter | GitHub JAN 2020 – APR 2020

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

Taxonomy Prediction on Stack Overflow Data | GitHub AUG 2019

Trained a One-vs-Rest classifier model using Bag of Words to classify questions into multiple categories. **Challenges:** Handling of a large dataset, Tokenizing and Vectorizing words. Qualified for TCS HumAI'n 2019 round-2.

Social Media Site on Django | GitHub DEC 2019

Created a fully functional social media site using Django Backend Framework. Implemented Markdown in posts, followers-following system, user authentication-authorization, login sensitive actions, profile suggestion, etc.

Achievements and Extra-Curricular Activities

Co-Authored a paper on Sentimental Analysis of COVID-19 Twitter Data
Paper published by 5th IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE) 2020. JUN 2020 – DEC 2020

Specialist on Codeforces (Rating 1439) OCT 2020

Microsoft Student Ambassador- Beta APR 2020 – PRESENT
Organized various events including workshops on Git and GitHub, Tutorial on making a programming language from scratch, etc.

Programming Club Instructor – Techknights Club SEP 2018 – MAY 2020
Mentored club members about programming and technical concepts.

Python (Advanced) Certification on Hackerrank SEP 2018