

Contact

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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 (till V Sem)

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

VII Semester - B.Tech, Computer Science and Engineering

University Departments, Rajasthan Technical University, Kota

Work Experience

Automation Engineering Intern – QuallyVal Pvt Ltd

NOV 2020 – PRESENT

Created an automation API using TagUI and python to simplify bot creation using visual and web based automation. Also worked on client projects directly interacting with clients to handle real time requests.

Summer Intern – LNMIIT, Jaipur

MAY 2020 – JUL 2020

Worked on project titled Sentiment Analysis on COVID-19 Twitter Data. 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** project to translate 7 languages to English.

Challenges: Scrapping exhaustive lists of words and n-grams for 7 languages, Finding proper metrics to select between n-grams.

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 automatically classify questions into multiple categories. **Challenges:** Handling of a large dataset, processing text data for Cleaning, 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 project (Backend) from scratch using Django Backend Framework. **Challenges:** Implementing Markdown capabilities, followers - following system, authentication, and authorization of user actions, login required sensitive actions, suggesting profiles to follow.

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