

Sarthak Vyas

Roll No.: 2211201315

CSE

Btech 2022-26

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 GitHub Profile

 LinkedIn Profile

EDUCATION

•Maulana Azad National Institute of Technology , Bhopal

BTECH cse

2022-24

CGPA: 9.89

•Saket Shishu Ranjan Higher Sr. School , Vidisha

MP BOARD , MP

2022

Percentage: 90.4

•Saket MGM Sr Sec School , Vidisha

CBSE BOARD

2020

Percentage: 91.2

PERSONAL PROJECTS

•MANIT collaborative Research Management System - Fullstack Development

full-stack website authentication, filtering. Integrated WebSockets for real-time collaboration, including a code editor for professors 2025

– Built using MERN stack (MongoDB, Express, React, Node.js) with WebSockets for seamless collaboration.

•Full-Stack Food Delivery Website: Speedy Eats

includes authorization, authentication, order food, create restaurant, explore menu and food items, wishlists, cart, payment 2024

– Built a full-featured food delivery website using the MERN stack (MongoDB, Express.js, React.js, Node.js).

•Full-Stack Railway Train Search App: Railride

includes login, register, search train between cities, booking ticket, filter, API calls,create train info, backend 2024

– Developed a comprehensive railway train search application using the MERN stack (MongoDB, Express.js, React.js, Node.js).

•Disease Prediction System - NLP and ML Project

2024

Created a machine learning model to predict diseases from symptoms and provide suggested cures, improving healthcare accessibility

– Spearheaded development using Python, Flask, Jupyter Notebook, HTML, and CSS

•Resume Job Matching Project - NLP and ML Project

2024

Designed an NLP-based system to analyze resumes and predict the most suitable job roles , enhancing recruitment efficiency

– Led the development using python, tfidf tokenization , Flask, jupyter Notebook, HTML, CSS

•E-commerce Website - Frontend Development : EasyShopSpot

Repo-link

includes attractive css includes Wishlists,order Page , Account , Home Page 2023

– Constructed a visually appealing website showcasing designer pictures using HTML, CSS, JavaScript, and Bootstrap.

•OnlineMoney spliter App - Frontend Development : MoneyMingle

Repo-link

The app enables users to split amounts, store contact information, create account with integration of small React features 2023

– Led the implementation of an online banking app using React, JavaScript, HTML, and CSS

EXPERIENCE

•MANIT ERP Team :work as frontend developer for development of MANIT Official ERP portal for Students 2024

•Tryambh internship :work as Frontend Developer in Startup Tryambh Innovations Pvt Ltd. for 1 month 2024

TECHNICAL SKILLS AND INTERESTS

Languages:C, C++, C-sharp, Python , Javascript , HTML, CSS

Developer Tools: bootstrap , Git , Github , VS code , MongoDB Compass and Atlas, Postman , Google Colab , Docker

Frameworks: ReactJs , NodeJs, MongoDB , ExpressJs , Redux , MYSQL , Tailwind

ML tools and Frameworks: Jupyter Notebook, Pycharm, Anaconda, TensorFlow , scikit-learn, Keras, Flask

Soft Skills: Project Management , Communication , Problem Solving, critical thinking , team management , Sponsorship , Adaptability , Interpersonal Skills , Conflict Resolution

Relevant coursework: Data structures and Algorithm , DBMS , object oriented programming , Operating System , Compiler Design , Computer Networks , Machine Learning, Deep Learning , Natural Language Processing , Data Science, High Level System Design

POSITIONS OF RESPONSIBILITY

•Sponsorship Head: QCM : Official Quizzing Society of MANIT Organized IQC in 5 prominent cities of MP , Flashback fiesta

•Debate Speaker: DEBSOC :Official Debating Society of MANIT : Participated in parliamentary Form of Debate

ACHIEVEMENTS

•Microsoft Upcoming Summer Internship Cracked the Software Developer Internship Opportunity at Microsoft 2025

•Semifinalist Attended the last round of CodeForGood Hackathon by JP Morgan Chase and Co. in Mumbai 2024

•1st Rank Got First rank for scoring 9.90 CGPA avg upto 2nd academic year in our CSE branch 2024

•Gold badge 5* Gold badge for problem solving in HACKERANK 2023

CODING PROFILE

•Leetcode :1050+ Problems Solved in Deep knowledge of DSA , 1880+ rating in Contest

ProfileLink

•Codechef :200+ Problems Solved in Problem Solving , 1700+ rating in Contest

ProfileLink

•Codeforce :200+ Problems solved , Pupil , 1267 Max rating

ProfileLink

•HackerEarth :5* problem solving batch

ProfileLink

•CodingNinja :270+ Problems Solved in Deep knowledge of DSA

ProfileLink