

Siddhesh Fuladi

7620090658 | siddheshfuladi2@gmail.com | [linkedin.com/in/siddhesh-fuladi/](https://www.linkedin.com/in/siddhesh-fuladi/) | github.com/Puffss

EDUCATION

Vellore Institute of Technology

B.Tech Computer Science with Specialization in Blockchain Technology

- Cumulative GPA : **8.93/10.0**

Vellore, Tamil Nadu

Aug 2021 – Aug 2025

WORK EXPERIENCE

Data Analyst and Implementation Specialist Intern

HotelKey

- Employed Python to extract and parse data from XML files and APIs
- Created data visualizations using libraries like Matplotlib and Seaborn
- Developed Python scripts for automation of repetitive tasks

Dec 2023 - Present

Nagpur, Maharashtra

Intern (Mentorship Program)

Persistent Systems

- Built an itinerary planner web application using Python
- It assists users in planning their trips to over 10 cities in India, offering personalized recommendations based on user preferences and budget constraints

Oct 2023 - Nov 2023

Nagpur, Maharashtra

PROJECTS

Founders Fusion

Oct 2023

- Successfully developed a collaborative ecosystem that promotes startup growth and provides investors with diversified investment opportunities leading to a 20% increase in user interest
- Implemented a dynamic startup forum for discussions, a roadmap to guide enthusiasts and engineered machine learning models with an accuracy greater than 95%, to aid investors in assessing startup success potential

Predict My Health

May 2023

- Engineered a website that predicts disease based on the health inputs of the user. Developed and optimized machine learning models which achieved an accuracy rate of above 95%

Fit Check

Mar 2023

- Implemented a Python-based application by integrating personalized input features for a calorie counter and BMI calculator, resulting in a 30% increase in user activity
- Developed user age-based algorithms to generate customized diet charts and workout plans, leading to a 20% boost in user satisfaction

RESEARCH WORK

Enhancing Security of Host-based Intrusion Detection Systems for the Internet of Things

- Published in: IEEE Access
- Developed a high-performing security framework for IoT networks, employing a machine learning ensemble (Decision Tree, Lite Gradient Boost, Xtra Gradient Boost, Random Forest) with a remarkable 99% accuracy.
- Conducted a thorough comparative analysis using fuzzy-based recommendation systems (TOPSIS, VIKOR, MORA, WASPAS) to enhance intrusion detection efficacy.

Decision Tree Based Crowd Funding For Kickstarter Projects

- Published in: EAI Endorsed Transactions on Scalable Information Systems | Indexing: ESCI-WoS(IF:1.3), Scopus, Compendex, DOAJ, ProQuest, EBSCO
- Developed a C4.5 decision tree model with a 99.7% accuracy rate to assist Kickstarter backers in predicting ongoing project success, offering a unique perspective on crowdfunding project evaluation

Reliable and Efficient Model for Water Quality Prediction and Forecasting

- Published in: International Journal of Advanced Computer Science and Applications (IJACSA) | Indexing: Web of Science, Scopus, Semantic Scholar, Inspec (IET), EBSCOhost, Microsoft Academic Search

Employee Salary Satisfaction Analysis using Machine Learning

- Published in: International Conference at IIT Bhilai collaborated with Springer LNNS
- Presented the research paper in the conference and won the Best Paper Presentation Award

LEADERSHIP EXPERIENCE

- **NASSCOM (Speaker)**
Speaker at NASSCOM's Twitter Space Audio Podcast on 'Skilling in the age of AI'
- **Mozilla Firefox Club - VIT (Management Head)**
Organized and executed 40+ club events, fostering an engaging environment for members to connect
- **Special Guest Care - VIT (Riviera - Volunteer)**
Contributed to the organization by managing travel and accommodation logistics for renowned artists, ensuring their smooth and comfortable transportation to the event with an audience of over 25,000 attendees

TECHNICAL SKILLS

- **Programming Languages:** Python, Machine Learning, Deep Learning, HTML/CSS, JavaScript, Selenium, Playwright, Web Scrapping
- **Certifications:** Microsoft Azure Administrator Associate, AWS Cloud Practitioner (970/1000), Udemy Python for Data Science and Machine Learning Bootcamp

ACHIEVEMENTS

- Awarded a Merit Scholarship from VIT during the year 2021-22 for the outstanding performance in the academics
- Finalist for IIT Patna Hackathon, 2023
- Received a Certificate from CBSE for being in the Top 0.1 percentile in Mathematics in class X
- Earned several gold, silver and bronze medals in Swimming at the CBSE State and CBSE National levels
- Secured 1st place and was awarded a gold medal at the Chief Minister's Trophy
- Secured 3rd place in Aquathon (400m Swimming + 3km Running) competition
- Worked as a volunteer in Nidathon (Cyclothon + Walkathon), 2023 organized by Indian Dental Association for awareness to fight against cancer
- Contributed as an Event Coordinator for Gravitas, VIT, 2022