



SATVIK RANA
B.Tech. - Electrical Engineering
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BRIEF OVERVIEW / CAREER OBJECTIVE / SUMMARY

Aspiring to be the best in my profession with the objective of being a part of growing world with technologies, applying my skills to the fullest and to enhance my knowledge with good communication and leadership skills.

KEY EXPERTISE / SKILLS

HTML CSS Javascript Java Electric Vehicles MATLAB Microsoft Excel Soft Skills Business Intelligence
Business Operations Stock Market

EDUCATION

Dr. Vishwanath Karad MIT World Peace University (MIT-WPU) B.Tech. - Electrical Engineering - MIT - WPU CGPA: 9.43 / 10.00	2023
Lady Anusuya Singhania Educational Academy, Jhalawar 12 th CBSE Percentage: 84.60 / 100.00	2018
Annapurna Public Secondary School, Mauji Baba Dham, Kota 10 th BSER Percentage: 91.33 / 100.00	2016

AWARDS AND SCHOLARSHIPS

- AITSE scholarship of ₹500 per month (2016-2018).

PROJECTS

Wireless Power Transfer in Electric Vehicles - Capstone Project Mentor: Dr. Saket Yeolekar Team Size: 3 Key Skills: Electric Vehicles Induction Circuit Design We designed a model in which using induction the moving vehicle gets charged; i.e. wireless charging of on-line vehicle.	25 Jul, 2022 - 25 Nov, 2022
Temperature Sensor Controlled Fan - Mini Project Mentor: Dr. Saket Yeolekar Team Size: 2 Key Skills: Electronic Circuit Design Arduino UNO Designed a temperature controlled fan using Arduino UNO, DC motor, temperature sensor (LM35) and temperature humidity sensor (DHT11) as a mini project.	09 May, 2022 - 31 May, 2022
File System Organizer Mentor: Mr. Mrinal Bhattacharya Key Skills: HTML CSS Javascript Designed a file system organizer using HTML, CSS, Javascript. Files are arranged on the basis of there extension provided.	19 Apr, 2022 - 24 Apr, 2022
Web Scrapping Mentor: Mr. Mrinal Bhattacharya Key Skills: Javascript Developed a project of scrapping meaningful data from web using Javascript. Libraries used Request and Cheerio.	02 Mar, 2022 - 09 Mar, 2022
Exploratory Data Analysis - Mini Project Mentor: Prof. Amit Nehete Team Size: 2 Key Skills: Data Analysis Linux Python To understand basic python programming on linux as well as perform exploratory data analysis on a dataset.	03 Jan, 2022 - 12 Feb, 2022
Smart Grid System - Mini Project Mentor: Prof. Anjali Purohit Team Size: 2 Key Skills: MATLAB Simulink Project based on Vehicle to Grid (V2G) - Grid to Vehicle (G2V) technology using MATLAB and Simulink model.	07 Jan, 2022 - 07 Feb, 2022

Netflix Clone

Key Skills: HTML CSS

Cloned the famous entertainment website NETFLIX. The front-end part.

ACHIEVEMENTS

- Cleared the FIRST STAGE of National Talent Search Examination (NTSE) in 10th standard (December 2015).
- Achieved 18th rank INTERNATIONALLY in EHF_MATH_OLYMPIAD in 10th standard (March 2016).
- Achieved 37th rank in STATE OF RAJASTHAN in SOF_NATIONAL_SCIENCE_OLYMPIAD in 10+2 standard (April 2018).

ASSESSMENTS / CERTIFICATIONS

NSTSE (10th Standard)

Aggregate: 78.0 / 100.0

Achieved 163rd rank in state of Rajasthan.

EHF MATH (10th Standard)

Aggregate: 74.0 / 100.0

Achieved 18th rank Internationally.

SOF NSO (12th Standard)

Aggregate: 86.0 / 100.0

Achieved 37th rank in state of Rajasthan and 402nd rank Internationally.

Programming with Python

Aggregate: 95.0 / 100.0

Key Skills: Python

Done a course on basics of Python from Internshala.

Developing Soft Skills and Personality

Aggregate: 83.0 / 100.0

Key Skills: Soft Skills Personality Development

Course from NPTEL (Certified by IIT Kanpur).

SEMINARS / TRAININGS / WORKSHOPS

Stock Market & Trading Institute Name: Tech Analogy

01 Jul, 2022 - 14 Jul, 2022

Key Skills: Stock Market Trading Investment

Workshop on stock market and investment using trading techniques.

DSA in Java & Basics of Web Development

21 Dec, 2021 - 30 Jun, 2022

Institute Name: Pepcoding

Key Skills: Java HTML CSS Javascript

It was a 6 month course related to Java and Web development by a institute Pepcoding, situated in Noida.

Enginenium

21 Aug, 2021 - 22 Aug, 2021

Institute Name: Institute of Electrical and Electronics Engineers (IEEE)

Key Skills: Electric Vehicles

Presented idea of development in electric vehicles (wireless power transfer system for moving electric vehicles).

CO-CURRICULAR ACTIVITIES

- School Captain in 10th standard (2015-2016).

EXTRA CURRICULAR ACTIVITIES

- Done a Social Internship under Arise Vishwa Society, Pune from 22/7/2022 to 31/07/2022.
- Part of Marketing Team of MUN Club of College in first year (2019).

PERSONAL INTERESTS / HOBBIES

- Keen interest in stock and crypto market.
- Photography; videography and editing.
- Reading novels and writing novelette.

WEB LINKS

- LinkedIn - <https://www.linkedin.com/in/satvik-rana/>
- Github - <https://github.com/satvikrana>

PERSONAL DETAILS

Gender: Male

Marital Status: Unmarried

Current Address: Kothrud, Pune, Maharashtra, India - 411038

Date of Birth: 19 Mar, 2000

Known Languages: English and Hindi

Permanent Address: 114/1, Ek Jyot Colony Road, Lower Ram Nagar, Dharmsala, Himachal Pradesh, India - 176215

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