



# Yuvan Saroya

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India

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## TECHNICAL SKILLS

Python, C++, MySQL, MongoDB, Git and Linux/Windows.

## STRENGTH

Self-Motivation, Well Disciplined, Adaptable and Punctual.

## EDUCATION

Qualification	Board/University	School/College	Passing Year	Aggregate percentage
M.Tech (IE)	Netaji Subhas University of Technology	NSUT	2022	7.49(CGPA) 74.9%
B.Tech (EEE)	Guru Gobind Singh Indraprastha University	Northern India Engineering College	2018	67.33(CPI) 70.89%
12 <sup>th</sup>	CBSE	Guru Harkrishan Public School	2013	64.83%
10 <sup>th</sup>	CBSE	G.H.P.S	2011	7.4 (CGPA) 70.3%

## ACADEMIC PROJECT

- **Title :** A comparative study based on MPPT techniques and GMPP detection for maximum power extraction in PV system using PSO under PSCs.
- **Type :** Major project as a part of Academic (Thesis).
- **Status :** Published a research work in ICISSI (International Conference on Intelligent Systems & Smart Infrastructure) –2022, which was held on 21 May 2022. Book's chapter no.25 and page no.225.

Website link : [https://www.routledge.com/Intelligent-Systems-and-Smart-Infrastructure-Proceedings-of-ICISSI-2022/Mishra-Singh\\_wairya-Tiwari/p/book/9781032412870](https://www.routledge.com/Intelligent-Systems-and-Smart-Infrastructure-Proceedings-of-ICISSI-2022/Mishra-Singh_wairya-Tiwari/p/book/9781032412870)

## HOBBIES

- Playing football, listening songs and watching movies.

## ACHIEVEMENTS

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- Attended 1 week in college house training on “Motor” from Sofcon India Pvt. Ltd.
- Attended 6 days in college house training on “Autocad” from Sofcon India Pvt. Ltd.[25<sup>th</sup> Jan to 30<sup>th</sup> Jan 2016]
- Attended 5 days in college house training on “PCB Designing” from Sofcon India Pvt. Ltd. [6<sup>th</sup> Sept to 10<sup>th</sup> Sept 2016]
- Attended 2 weeks training on “Traction Motor” from Northern Railway Gvt.[12<sup>th</sup> July to 26<sup>th</sup> July 2017]
- Certificate of Python & OOPS in Python awarded by Great Learning Academy and Kaggle on December, 2020, August, 2021 and November, 2021, respectively.
- Certificate of Python for Data Science and machine learning awarded by Great Learning Academy and Kaggle on October, 2021.
- Certificate of MySQL and SQL project for beginners awarded by Great Learning Academy on December, 2021.
- Certificate of Data Structure Algorithm with python awarded by GeeksforGeeks on January, 2022.
- Certificate of Deep learning and Building Transformer-Based Natural Language Processing Applications with python awarded by NVIDIA DLI on April, 2022.
- Certificate of IT Automation with python awarded by Google and Coursera on July, 2022.
- Attended 1 month in college house training on “PLC & SCADA” from Sofcon India Pvt. Ltd.
- Certificate of SCADA awarded by Siemens.
- Certificate of frontend web development awarded by Sparta Coding Club on March, 2024.
- Certificate of backend web development awarded by Sparta Coding Club on April, 2024.

## WORK EXPERIENCE

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- **Company Name :** Crowdsourcing Technologies Pvt. Ltd (thesqua.re - service apartments)
- **Role and Dept. :** Software Developer Trainee and Tech department.
- **Duration :** 1<sup>st</sup> June 2022 to 17<sup>th</sup> May 2023.
- **Framework :** Webapp2/flask, HTML, CSS, JS, jQuery, Ajax, Google NDB.
- **Company Overview :** TheSqua.re Serviced Apartments is a global network of accommodation providing corporate and leisure travelers with premium stays across the globe. With an award winning portfolio of over 500, 000 apartments in over 1000 cities worldwide. Using TheSqua.re Service Apartments apps cooperate, and travelers can book service apartments in London, New York, Paris, Singapore, Tokyo, Dubai and many other top destinations.
- **IDE :** IntelliJ, Sublime Text, Anaconda, Visual studio code.
- **Work Overview :**
  - Lead the effort for successfully migrated codebase from webapp2's syntax to Flask's syntax, improving maintainability and scalability of the application.
  - Integrated Google NDB as the database for the website, ensuring efficient data storage and retrieval.
  - Leveraged the Google Datastore NDB Client Library to enable seamless connection between the App Engine Python application and Datastore.
  - Addressed technical issues by debugging and resolving bugs within the application, contributing to enhanced functionality and user experience.
  - Collaborated within a tech issue's group to troubleshoot and resolve issues promptly, ensuring smooth operation of the application.