

AMAN SINGH

ACADEMIC PROFILE

Degree/Certificate		Institution				Percentage/CGPA	Year
B-Tech		Civil Engineering IIT (BHU), Varanasi				8.42	2023
Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Sem VII	Sem VIII
7.65	8.48	8.79	8.79	-	-	-	-
CBSE (XII)		Sunbeam Suncity, Varanasi				92.00	2019
CBSE (X)		Kachhawa Christian School, Mirzapur				95.00	2017

SKILLS

Languages | C, Python, Javascript

Technologies | HTML, CSS, Node, Express, MongoDB, Android Studio, Git Version Control, CRUD API

Interests | Developing Web Applications, Entrepreneurship, Teaching

Soft Skills | Communication, Leadership, Team Management(Collaborative Working), Sales and Convincing skills

INTERNSHIP/TRAINING

Software Intern at Studant.In May 2021 - July 2021

Frontend Developer for websites and Android apps

- Made websites of Coachings, Colleges, and Universities.
- Did UI Changes for the Android Apps.
- Tools: WordPress, Android Studio(UI Only)

PROJECTS

Smart City Varanasi Web App July 2021 - Current

A technological solution to waste management problem in city Varanasi

- Created a web app to solve the waste management problem of Varanasi.
- Created multiple dashboards to effectively link users with administration.
- Used Google Maps API to make the solution more practical.
- [GitHub Repo](#)
- Tools: React, Express, MongoDB, Node (MERN), CRUD API

Progressive WebApp with Google Maps API integration Feb 2021 - May 2021

Exploratory Project Under Dr. Sishir Gaur, Civil Engineering, IIT BHU

- An app to assist tourists to plan their one, two, three days Varanasi tour with much other assistance all in one place.
- Travelling Salesman algorithm implemented for calculating shortest distance between multiple destinations.
- Project Deployed on Firebase | [Project Link](#) | [Github Repo](#)
- Tools: HTML, CSS, Javascript, Google Maps API

Counting Pedestrian Using Ultrasonic Sensors Feb 2021 - May 2021

Exploratory Project Under Dr. Abhishek Mudgal, Civil Engineering, IIT BHU

- Used ultrasonic sensor to collect distance data within 1 m.
- Sent the live data on the mobile app (leveraging the BLYNK app) in a graphical manner.
- Exported data in CSV and did data analysis to count the numbers of pedestrians passed by.
- Tools: Arduino IDE, Ultrasound Sensor, BLYNK App, MS Excel

Course LMS for Mechanics Project (Freelance Project) October 2020 - November 2020

A udemy like course page for mechanics course for IIT-JEE preparation

- Made LMS Course page for Mechanics course(JEE Students).
- Secured Access via Email verification. | [LMS Link](#)
- Tools: WIX, Corvid

POSITION OF RESPONSIBILITY

General Manager and Mentor at Mentorship Program 2.0 17 March - 26 June '2021

- Organised the program for about 100+ Freshers.
- Planned and took informative sessions on topics related to startups.
- Mentored many sub-teams creating their MVP.

Worked as a Content Writer at Technex'21 Feb 2021 - March 2021

Teamwork | Wrote website content about events, invitations, and workshops.

Worked as a Content Writer at E-Summit'20 Jan 2020 - Feb 2020

Teamwork | Wrote content about events and workshops on Quora, LinkedIn, and Press.

HONOURS AND ACHIEVEMENTS

- As a team leader led the team to secure **3rd rank** in Google Startup Weekend, IIT-BHU, 2019 (*a startup pitching competition*)

EXTRA-CURRICULAR ACTIVITIES

Participated in Telescon(telescope making competition) 2019, IIT-BHU.

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