

Taher Afsar

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Education

Dwarkadas J Sanghvi College of Engineering

2023-2026

B Tech Computer Science and Engineering(Data Science)

Vidyalankar Polytechnic

2020-2023

Diploma in Computer Engineering

Experience

X38 AI Labs- Javascript Intern (Onsite)

06/2024 - 09/2024

- Developed an AI-powered platform using **React**, **Node.js** and **MongoDB** for creating websites and software additionally with drag-and-drop functionality.
- Built an universal data storage system allowing data from various **SQL** and NoSQL data sources.
- Collaborated with cross-functional teams in working backend / frontend of various applications.

Unscrap Media - Web Development Intern (Onsite)

08/2023 - 02/2024

- Developed scalable web applications for multiple clients using the **MERN** stack and **PHP** stack.
- Created dynamic UI/UX design frontend and integrated backend systems for clients in real estate, e-commerce, and health sectors.

•Tech Stack: **React**, **Node.js**, **MongoDB**, **Express.js**, **PHP**, **MySQL**.

99 Hectors- Django Developer (Onsite) - [Link](#)

03/2022 - 09/2022

- Led the development of a dynamic web application CMS platform.
- Developing a cloud infrastructure (**AWS EC2**) for high-traffic sections for deployment of **Django** web.

Projects

EcoSaathi- PICT's Hackathon Winning Project - [Link](#)

02/2024 - 04/2024

- Developed an application that uses machine learning to optimize waste management solutions.
- Features such as Bin Fill Level Detection with IoT and Computer Vision ,Route Optimization with **CVRP Algorithm** on google maps, Campaign Management and Litter detector.

•Tech Stack: **Node.js**, **Django**, **MongoDB**, **Google Maps API**, **YOLOv8**, **Meta WhatsApp API**.

CodeUnite- Winning Diploma Final Year Project- [Link](#)

11/2022 -03/2023

- Built a platform using MERN and Socket.IO to enable real-time collaboration among developers.
- Integrated features to fetch problem statements from competitive programming sites and store them in a MongoDB database, and personalized points system and admin panel access to manage rooms.
- Deployed on AWS with **S3** for file storage, **EC2** for hosting.
- Tech Stack: **MongoDB**, **Express.js**, **React.js**, **Node.js**, **Socket.IO**, **AWS S3**, **AWS EC2**.

ResQConnect- [Link](#)

10/2023 -10/2023

- Developed a location-based rescue app with real-time emergency alerts using Firebase and React.
- Implemented a notification system to inform users of nearby disasters and emergencies in real time.
- Tech Stack: **Firebase**, **React.js**, **Google Maps API**, Firebase Cloud Messaging.

Wifi based Attendance System- VP Industrial Hackathon Winning Project - [Link](#)

02/2023 -02/2023

- Developed an automated attendance system using Wi-Fi connections and MAC address detection.
- Designed a Django-based backend to log attendance and generate detailed reports.
- Tech Stack: **Django**, **Python**, **MQTT**, **REST APIs**, **SQLite**, **JavaScript**, **HTML/CSS**.

WhatsApp Automation Bot- [Link](#)

01/2023 -01/2023

- Automated sending of customized messages to WhatsApp group members using Python.
- Used JavaScript for data extraction and Selenium for workflow automation.
- Tech Stack: **Python**, **JavaScript**, **Selenium**, WhatsApp Web API.

Skills

Languages: Java, Python, JavaScript, C, C++, SQL, PHP, HTML, CSS

Frameworks: React, Node.js, Express, Django, Flask, FastAPI

Libraries: MERN Stack, NumPy, Pandas, Matplotlib, Scikit-learn, Plotly, Seaborn

Databases: MySQL, MongoDB, Firebase Realtime Database

Cloud Technologies: AWS (EC2, S3, RDS), Netlify, Vercel

Data Analysis & Machine Learning: Tableau, Power BI, OpenCV

Other Tools: Docker, Git, Kubernetes, Google Maps API, Firebase Cloud Messaging, Socket.IO.

Achievements

6x Hackathon Winner- [Link](#) - Winner at Bajaj HackRx 5.0, International Hackathon (PICT), Innov8 2.0, Industrial Hackathon (VP), Building the Gateway Hackathon (Xavier's Institute), HackX Top 10 (Atharva College).

State Level C coding competition winner 2022.