

Himesh Dhaka

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EDUCATION

Indian Institute of Technology, Jodhpur		
B.Tech. in Electrical Engineering	(CGPA: 7.89 /10) (SGPA: 9.14 /10)	2021 - 2025
Gyanodaya Public School, Sikar		
Higher Secondary Education (CBSE)	(Percentage: 92.60 /100)	2021
Jawahar Navodaya Vidyalaya, Pallu, Hanumangarh		
Senior Secondary Education (CBSE)	(Percentage: 95.00 /100)	2019

EXPERIENCE

Frontend Developer Intern Thapy Technologies P.L. Certificate	05/2024 - 07/2024
<ul style="list-style-type: none">- Developed and maintained a dynamic web application using ReactJS and Firebase, improving user engagement by integrating real-time data fetching and rendering.- Implemented Firebase Authentication with Google and Apple sign-in, boosting user registration by 30% and enhancing login security.- Optimized data handling by incorporating lazy loading and chart integrations into the dashboard, improving website performance for large datasets by 25% and reducing load times by 15%.- Properly documented the structure and use cases of various Firebase collections and documents, ensuring seamless team collaboration and future scalability.	

PROJECTS

Property Rental Website Development GitHub Live	02/2024 – 03/2024
<ul style="list-style-type: none">- User Authentication: Implemented secure signup and login functionality.- Property Listings: Enabled users to list their homes or hotels with detailed descriptions, images, and pricing.- Search and Booking: Developed a search and booking system allowing users to find and book properties easily.- Tech Stack: HTML, CSS, JavaScript, Node.js, Express.js, MongoDB, MapBox API.	
Histopathologic-Cancer-Detection Machine Learning GitHub	08/2023 - 09/2023
<ul style="list-style-type: none">- Developed a deep learning model for histopathologic cancer detection, achieving 83.15% accuracy.- Built and deployed a Flask web app for real-time image upload and prediction.- Deployed the app using cloud service to ensure scalability and accessibility.- Tech Stack: HTML, CSS, JavaScript, Flask, Python, TensorFlow, Keras, Sklearn, NumPy, Pandas.	
Time Table Website Development GitHub	06/2023 - 07/2023
<ul style="list-style-type: none">- Developed an automated time table website for IIT Jodhpur students using HTML, CSS, and JavaScript.- Implemented a feature for students to access their personalized schedule by entering their registration number.- Tech Stack: HTML, CSS, JavaScript.	

SKILLS

Programming Languages: Python, C/C++,	Web Development: JavaScript, React, Node
Machine Learning: TensorFlow, Keras, Sklearn	Data Analysis: NumPy, Pandas
Databases: SQL, MongoDB	Cloud Platforms: Render, Heroku
Tools: Git, Github, MATLAB	Soft Skills: Leadership, Collaboration, Analytical Thinking

ACHIEVEMENTS

- JNV Govt. Scholar 2014 (Top **0.8%** of candidates).
- Achieved top **1%** ranking nationwide in JEE 2021.
- Secured **18th** rank in the Electrical Department at IIT Jodhpur.
- Solved **300+** coding problems on different platforms: [LeetCode](#), [GFG](#), [CodeForces](#), [CodeChef](#).

RELEVANT COURSEWORK

• Data Structures & Algorithms	• Pattern Recognition and Machine Learning	• Computer Architecture
• Probability, Statistics & Stochastic Processes	• Embedded System	• Linear Algebra and Calculus
• Digital Design	• ControlSystems	• Communication Systems
• Data Communication Networks	• Digital Signal Processing	• Analog Circuits

POSITION OF RESPONSIBILITY

Student Representative | IIT Jodhpur
Student Guide | IIT Jodhpur