

Gagan Chourey

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EDUCATION

Bachelor of Technology in Computer Science and Engineering (Core)

Vellore Institute of Technology, Bhopal MP

Aug 2021 – July 2025

CGPA - 8.13

Higher Secondary School

Nalanda Model Hr. Sec. School, Itarsi MP

April 2019 – Mar 2020

Percentage - 84.4%

Secondary School

Nalanda Model Hr. Sec. School, Itarsi MP

April 2017 – Mar 2018

Percentage - 87.8%

SKILLS

Languages: Java, HTML/CSS, SQL

Technical Skills: DSA, DBMS, OOPs, Full Stack, Google Cloud, Computer Networks..

PROJECTS

Smart Bin

Dec 2023 – May 2024

App Development with integrated hardware

Google Fire base, Android Studio

- Developed a comprehensive waste management system integrating hardware and software, which increased waste collection efficiency and reduced manual monitoring.
- Integrated real-time monitoring and location tracking to detect when bins are 80% full, sending alerts with precise locations for optimized waste collection.
- Enhanced public health by reducing bad odor and disease outbreaks benefiting both communities and municipal workers.
- Achieved a reduction in odor complaints, a decrease in waste-related health issues, and optimization in collection routes, reducing fuel and labor costs.
- Team Project: 10 members

Ticket-ties

Sept 2023 – Nov 2023

MERN FullStack

React JS, Node JS, Express JS, Mongo Db

- A customer care portal that streamlined railway ticket issues, including booking confirmations and seat assignments, reducing ticket-related queries and improving resolution time.
- Utilized React JS, Node JS, Express JS, and MongoDB to enhance user experience and operational efficiency, reducing page load times and increasing application responsiveness.
- Team project: 5 members.

MediFlex Pro

May 2024 - June 2024

Web Development

HTML, CSS, and Bootstrap

- Developed a fully responsive medical theme featuring a background slider, 5+ page options, and advanced typography.
- Implemented a contact form that automatically emails patient details to the admin, improving communication efficiency.
- Utilized HTML, CSS, and Bootstrap to create a fast, responsive layout. Integrated Google Fonts and Font Awesome Icons, resulting in design aesthetics and user engagement.
- Streamlined patient interactions by automating form submissions, reducing administrative workload.

CERTIFICATIONS

- Google Cloud Computing Foundation -GOOGLE
- Cloud Computing -NPTEL
- MERN Full Stack internship Program -ETHNUS
- The Bits & Bytes of Computer Networking -COUSERA

ACHIEVMENTS

- Awarded a scholarship of INR 25,000 and a certificate from the Government of Madhya Pradesh for outstanding performance in Class 12th examinations.
- Securing an institute rank of 195 on [GeeksforGeeks](#) with 435+ problem solve and Global Rank of 223,804 on [LeetCode](#) with 380+ problem solve.