

GYANENDRA KUMAR

ACADEMIC PROFILE

Degree/Certificate		Institution				Percentage/CGPA	Year
B-Tech		Chemical Engineering IIT (BHU), Varanasi				8.40	2025
Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Sem VII	Sem VIII
8.54	9.60	7.37	6.60	8.91	8.16	-	-
CBSE (XII)		S M P K D SHIKSHAN SANSTHAN FIROZABAD U.P				94.40	2020
CBSE (X)		S M P K D SHIKSHAN SANSTHAN FIROZABAD U.P				91.33	2018

SKILLS

- **Languages:** C/C++, Javascript
- **Tools & Technology:** CSS3, Bootstrap, React.js, Node.js, Express.js, Mongo DB, Git, Github, REST API
- **Areas of Interest:** : Web Development, Data Structure & Algorithms, OOPs, Operating System

INTERNSHIP/TRAINING

Software Developer Intern | Glow Tech Mor

May'24 - August'24

- Developed and optimized a **MongoDB database**, improving data retrieval for the e-commerce platform.
- Developed a buyer's dashboard with **React.js**, featuring interactive charts for price history and product visualization.
- Secured **user authentication** with **JWT**, significantly enhancing security and user experience for the application.
- Integrated **RESTful APIs** with **Express.js**, delivering scalable backend that enhanced application performance.
- **Exposure:** ReactJS, ExpressJS, NodeJS, MongoDB, Mongoose, JavaScript, JWT, Tailwind CSS.

PROJECTS

Journey Logbook

- Developed a Node.js backend with **JWT** authentication, MongoDB Atlas, and **Multer** for image uploads.
- Designed **RESTful APIs** for account and story management, including upload handling, search, and date filtering.
- Integrated **React Router** and **Axios** for seamless client-server communication and optimized navigation. [Link](#).

FinTrack Dashboard

- Leveraged **Chart.js** for dynamic financial data visualization, producing interactive and detailed graphical analyses.
- Employed **Axios** for handling asynchronous **HTTP** requests, enabling seamless client-server data interaction.
- Developed robust **CRUD** functionality for efficient income and expense management and synchronization. [Link](#).
- **Tools & Technology** :React.js, Node.js, Express.js, MongoDB, Chart.js.

Heart Disease Prediction

- Developed and deployed a logistic regression model with **87%** accuracy for predicting heart disease, leveraging patient data including age, gender, blood pressure, cholesterol, and medical history.
- Performed **detailed EDA** on a **303**-patient dataset, identifying missing values, outliers, and key patterns for insights.
- Applied rigorous **data cleaning** and feature engineering techniques to improve model accuracy and reliability.
- Performed comprehensive correlation analysis to **optimize feature selection** and improve model performance.

POSITION OF RESPONSIBILITY

Coordinator | Gram Mela' 23 | Sahyog

Nov' 22 - Jan' 23

- Led a team of **40-member team** to survey **60 rural households**, gathering essential education and health data.
- Coordinated health camps and career counselling with NGOs and doctors, directly impacting parents and students.
- Increased parental engagement by **450%**, drawing over **300 participants** and exceeding prior year's attendance.

CREATIVE EXECUTIVE | Jagriti'23

March'23 - April'23

- Directed a team of **20+** in designing a high-impact social fest with captivating, innovative visuals.
- Conceived impactful public decorations and narratives for **5,000+** participants to challenge and defy stereotypes.

HONOURS AND ACHIEVEMENTS

- Solved **550+** problems across online judges, ranking **24th** on the GFG platform among **5,000+** students.

EXTRA-CURRICULAR ACTIVITIES

- **Active Volunteer | Sahyog Club** | Leading initiatives to elevate rural education via IIT BHU's **Social Service Council**.
- **Victorious** in **So-Chem** Cricket'23 & **Runner-up** in **Osmoze'24** Cricket and **So-Chem** Badminton Tournament.

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